

Looking for a
robust warehouse
management
system?

Need better
control of
inventory in and
out of the
warehouse?

Staff losing
valuable time
searching, fixing
and guessing?

Apero's WMS
can resolve
these
challenges...
and MUCH
more!

Pinpoint WMS provides powerful capabilities that deliver significant benefits. Pinpoint ensures that orders will be fulfilled with the highest accuracy, efficiency and productivity, all the while at the lowest operating cost possible.

How? Pinpoint dramatically improves efficiency in picking, packing and shipping orders by automating and streamlining day-to-day activities, maximizing the productivity of your warehouse staff. Your warehouse activities will be more efficient, productive and cost-effective. This will enable higher accuracy and quicker order fulfilment, which in turn results in both improved customer service and greater profits.

Pinpoint WMS is part of Apero Solutions' suite of products. Its design is based on over 3 decades of warehouse management best practices and delivers powerful warehouse and order fulfilment performance and efficiency.

Benefits of optimized warehouse performance

- **Go Green:** Are your customers demanding "Environment friendly" partners? Using RF-based bar code terminals or kiosk computers, Pinpoint can move your warehouse to a paperless operation and eliminate the complexity of inventory management.
- **Reduce errors - improve customer satisfaction:** Manual tasks lead to errors, and mistakes are expensive to fix and lead to low customer satisfaction, higher shipping, handling and re-stocking costs. Pinpoint will tailor mobile workflows on barcode scanners and mobile devices to verify and update receipts, inventory, and shipments to reduce the number of incorrect shipments. This automates and streamlines your processing, to pick, pack, and ship the right product at the right quantity which results in customer satisfaction.
- **Automation:** Experience the most efficient receiving, inventory, and fulfillment processes to drive customer satisfaction and increase profitability. Optimize processes to reduce errors, process more transactions, and increase productivity. Eliminate the risk of people skipping important steps, minimize costly shipping and receiving errors and reduce training costs by automating picking, packing, PO receiving, putting away stock, transferring, and physical counting tasks using customized workflows.
- **Accountability:** Audit trail motivates compliance and provides visibility to managers to monitor the productivity and accuracy of individual personnel.
- **Maximize space usage:** Maximize your warehouse space by tracking primary and overflow bins, automated internal replenishment of primaries, suggested put-away locations based on existing stock locations and empty bin information.
- **Support lot and serial number tracking:** Mobile scanning of Serial and lot numbers ensure no mistakes when product is received, picked, moved, or shipped. Consolidation of shipments allows case and pallet tracking of serial / lot numbers which can automatically flow down the supply chain to your customers through multiple electronic formats including EDI ASNs, ASCII output files, APIs, Excel or PDF documents.

Quite frankly,
it's one of the
most robust
and flexible
suites of
inventory
management
applications
available.

Optimized receiving

- Pinpoint's receiving functionality is built to support rapid receiving using RF devices, mobile devices, terminals or PC's.
- RF device enhances productivity:
 - Load entire Purchase Orders into web or mobile based screens and easily select items to receive by scanning a barcode.
 - EDI Advance Shipping Notices (ASN) can be used for quick processing by RF scanning when the shipment arrives at your dock for quantities, serial numbers or lot numbers.
 - Serial / Lot tracking can be streamlined and improved accuracy by scanning on receiving.
 - Flexible receiving procedures allow users to walk around a pallet, entering quantities as they are scanned.
- Multi-threaded process allows multiple operators to simultaneously receive the same PO.
- Print item labels on demand during the receiving process.
- Quantity or product variances can automatically be communicated back to the host system for faster resolution.
- Built-in Quality Assurance (QA) processes can automatically send damaged and unrecognized products to quarantined areas to be managed.
- "Blind Receiving" allows for unexpected deliveries and returns to be processed immediately, reconciling with PO's after the receiving is completed.
- "Direct Put-away" allows users to put product away immediately following receiving, a great feature when the warehouse receiving area is limited for space.

Optimized put-away

- Pinpoint optimizes performance using multiple stocking methodologies: Direct, Random, or Sorted put-away logic. Either load the pallet/tote and put away the product as it is scanned or scan the product and put it away as you follow an optimized travel path.
- Incoming stock can be directed to a primary picking area, a bulk storage area or a random storage location.
- Items can be stored in multiple bins in various forms (each, case, pallet) to be internally replenished as required.
- As each product is stored the product and location are automatically verified by the scan of a barcode.
- Use 'Reserves' to keep product in a separate area that must be reserved for a select customer order.
- Directing put-away operators to known locations for the same product encourages inventory consolidation.
- Showing 'Put-away Operators' the "Primary" locations for the items they are putting away can reduce internal replenishment.
- Visibility of other put-away loads for the same product can reduce travel time.

**Pick for
multiple orders
at once.**

**Complete
picking from
inventory in a
single pass.**

Optimized picking

- "Planned Release" allows you to group and task picks by customer, order number, carrier or any combination of searchable fields.
- Set specific order types to automatically release to "hot" pick teams as soon as the pick is dropped to the warehouse.
- Full item picking traceability. Keep track of the status of every item being picked in the warehouse in real time. It records the time that it reaches the WMS, when it is tasked, when it is released to the picker, when it is staged and ready for packing & shipping, and when it is shipped.
- Direct picked items to specific staging areas based on order types, carriers, etc. to be packed and shipped.
- Split the warehouse up into picking zones and have operators pick only in their zone for "pick and pass" order processing.
- Assign equipment restrictions to locations and never hear the words "I have to go get the forklift!" again, only forklift operators will get tasked to these locations.
- Picking "waves" can be assigned for orders that all have the same carrier or customer.
- Pinpoint will drive further efficiencies by establishing and enforcing the most effective pick paths or by combining multiple orders into one picking sequence.
- Capturing lot or serial numbers is simple and can be executed during picking.
- Deal with stock-outs immediately by automatically generating count tasks following a quantity discrepancy.
- Use barcodes to speed up the picking process.
- Use barcodes on pick lists to prevent picking items not included in the order.
- "Batch pick" inventory that must be broken down for multiple smaller picks for store or consumer direct quantities (SDQ's) or bill of materials (BOM's).
- Orders can be prioritized and re-prioritized using a simple override screen.
- Pinpoint supports traditional single order picking, "zone-based" picking and "pick and pass" methodologies as well as integration to sophisticated automated picking equipment such as pick-to-light, A-frame, or carousel-based pick systems.
- Marshalling picks can be used to pick case or pallet quantities of a large pick that must be broken down for multiple smaller picks for store or consumer direct quantities (SDQ's) or bill of materials (BoM's).

Automation in
the shipping
department
saves money.

Pure and
simple.

Optimized packing and shipping

- Pinpoint packing and shipping functionality allows the packer to validate quantities picked to ensure accurate order fulfillment.
- Integrate with printers to automatically print labels, packing slips and content manifests, shipping address labels and MH10 labels from the warehouse to complete the final step of the packing and shipping process.
- Consolidate staged picked line items from the picking process into their respective orders for packing.
- Support barcodes and lot/serial numbers for accurate order completion.
- Easily correct errors in pick quantities, item picked, shipment weight & volume, and more.
- Configure and automate “lane-based” setups - often required for parcel shipments or consolidation of orders where shipments must be assembled from multiple staged picks.
- Integrate with most major carriers for shipping charges, weights and tracking numbers through 3rd party carrier shipping systems.
- Save freight costs and time by integrating Carrier Rate Shopping software.
- Ensure prompt pickup through your preferred carrier.
- Set up automatic tracking on all shipments.
- Notify customers of shipment progress through each stage of order fulfillment.
- Pinpoint supports ‘repacking’ and will keep track of inner and master pack box contents for ASN’s and UCC128’s down to the Serial / Lot number level.
- Choose preferred packing mode. Pack items and generate mailing labels automatically based on package weights, or let the system tell you the required packaging for specific items.
- EDI support. Advanced Fulfillment works with third-party EDI software for full EDI compliance, including 856 Advance Ship Notice (ASN), to electronically communicate the contents of a shipment.

Labeling

- Pinpoint supports all barcode types, 2D barcodes, compliance labels, PO #s, customer address labels and box content labels for both printing and scanning.
- Product or License Plate label printing is supported throughout the warehouse processes, including shipping, receiving, picking, packaging and QA.
- All barcode types are supported including: UCC128, MH10, UPC, EPC, GTIN, QR, etc.

Optimize

...optimize

...and then
optimize some
more!

Optimized inventory counts

- Pinpoint counting functionality is flexible, robust, and auditable. Every type of count logic is supported (initial counts, cycle counts, counts based on pick errors, etc.) and the audit trail is unparalleled.
- Count confirmations are created automatically upon locations being emptied; no recount is required saving additional time.
- Cycle counts:
 - Are fully logged to ensure acceptance by auditors.
 - Created/held/released as often as required. High value or high movement items can be targeted more frequently.
 - Operators can be assigned to count/not count according to individual roles.
 - Regular full warehouse physical count process or cycle counting based on a scheduled bin count is fully supported.

Optimized internal bin replenishment

- Pinpoint supports the logic of "forward picking" primary bin areas to accommodate the 20% of products that are shipped 80% of the time.
- Forward pick bins are defined by the user and the Unit of Measure and are then automatically replenished according to minimum and maximum quantity/bin rules.
- Replenishment tasks ensure uninterrupted picking operations. Replenishment tasks are issued based on consumption out of the primary location. Timely completion of the tasks ensures efficient picking.
- Enabling the "top-up" feature to run overnight, that will automatically identify locations that are nearing their minimum value and will generate replenishment tasks for the morning in addition to constant monitoring and generation of replenishment tasks during the day.

Optimized quality assurance (QA)

- QA process can be configured to occur at receiving or shipping stages. Full quarantining and RMA disposition functionality ensure proper visibility and management of non-performing products.
- Final QA at shipping ensures contents and piece counts.
- Inspection instructions are displayed to the user and if required the system can be forced to acknowledge inspection completion.
- Discrepant shipments are hospitalized and dealt with individually. Shortages or over shipments are easily resolved and accounted for.
- Inbound inspections can be defined as mandatory for certain products.

About Apero Solutions

Apero Solutions develops powerful supply chain software solutions that equip business to succeed in today's everchanging world. Our solutions are built for supply chain, distribution, retail and manufacturing, and include both WMS (warehouse management) and ERP software that is able to support your initiatives today and, in the future, including customer management (CRM), EDI, transportation management, supply management, and analytics solutions. Our ERP & WMS solutions allow you to quickly and effectively respond to your customers' demands and expectations and ever the ever-changing marketplace.

Pinpoint WMS is designed to manage the warehouse needs in wholesale, manufacturing, retail, and other industries. Pinpoint WMS integrates with Latitude ERP or third-party ERP software.

When you choose Apero Solutions you can be confident that you will be able to maintain your business regardless of industry or market fluctuations, or changes in technology. Apero Solutions empowers frontline workers, back-office administration, and C-level executives, to have the right information to make decisions proactively and effectively, which provides positive customer and business results.

Visit AperoSolutions.com for contact / additional information.

It's your business. Take charge!

