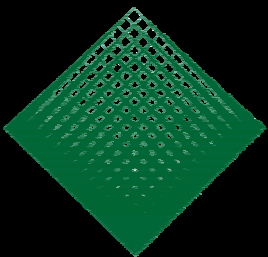




Mincron's **Warehouse Manager** can give your productivity a lift!

Warehouse Manager will help you dramatically improve product accuracy, visibility and velocity as it moves through your warehouse. The result is immediate tangible benefits from cost savings and better control. Your customers, suppliers and management will notice your improved processes, resulting in increased satisfaction ... and customer loyalty ... producing increased profits and revenues.

You can implement as many or as few of the functions you want or need and grow into others as you recognize their benefit. Warehouse Manager is extraordinarily comprehensive, yet flexible. Warehouse Manager allows your managers to do what they do best ... manage.





Increase Accuracy; Drive Down Costs.

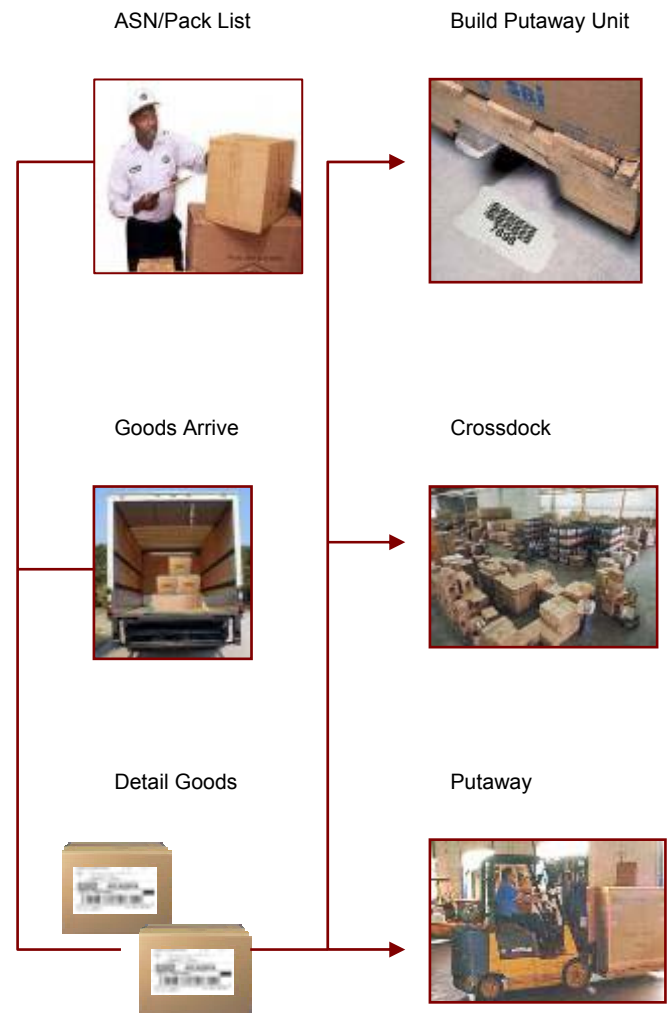
Whether you have a warehouse with 5,000 square feet or a distribution center with more than a million, the fundamental challenges are the same. You need to ship orders with 100% accuracy, deliver them fast, and keep precise inventory records.

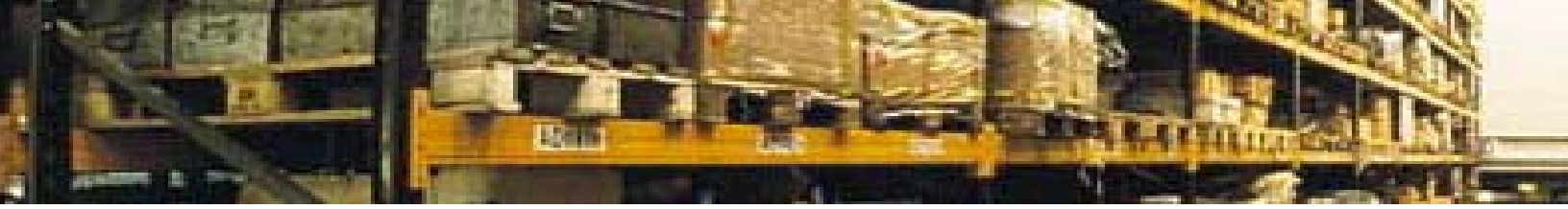
Oh, and then there is that unrelenting need to squeeze more cost out of the business. These are exactly the kinds of objectives Mincron's Warehouse Manager (WM) has accomplished.

Why choose Mincron's Warehouse Manager?

- ◆ More rapid implementation than most other WMS applications.
- ◆ A reliable application, updating all information in real-time.
- ◆ We can modify the application to meet your customer needs.
- ◆ Best practice consulting services is part of the implementation project.
- ◆ We back up our products with 24 X 7 support services.
- ◆ Less-expensive software license fees than many iSeries-based WMS applications – – More value for your money
- ◆ RPG Source Code included in the license at no extra charge.

While this may sound complicated, it really isn't when you have the right kind of project management guiding you through the process. Each of Mincron's professional project managers and consultants has a minimum of 10 years of industry experience. We not only help you implement the software, we'll help you lay out and label your facility, design pick plans, and implement industry best practices.





Move Twice as Much Product; With Half as Many People.

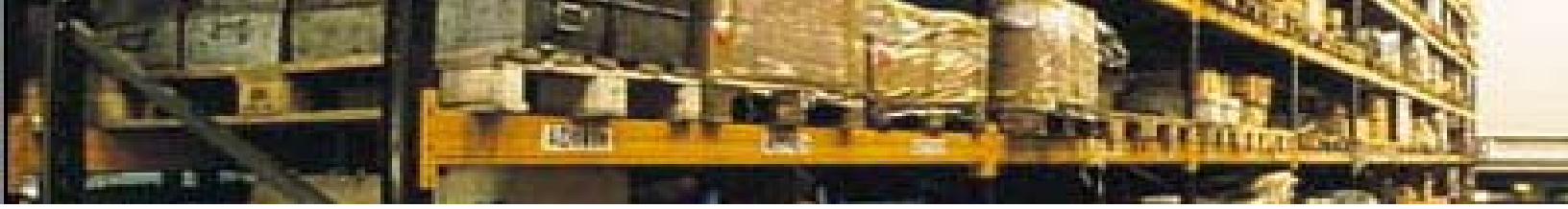
Warehouse Manager will help to automate warehouse workloads, minimize business disruptions, and enable management to react and *swiftly* respond when customer demands necessitate instantaneous change to a warehouse task in process. With Warehouse Manager you can achieve 99.9% inventory accuracy in items and dollars.

WM helps you make full use of available space, equipment, and personnel. Special handling requirements and increasing SKU numbers are easily managed with WM. Employee satisfaction increases as they are able to work more efficiently with less frustration and greater speed.



Warehouse Manager will help you:

- ◆ Increase customer service and satisfaction
- ◆ Reduce and/or eliminate receiving, picking and putaway errors
- ◆ Reduce or eliminate mis-ships
- ◆ Eliminate unnecessary product movement
- ◆ Eliminate lost time “searching for stock”
- ◆ Ship back orders as quickly as they are received
- ◆ Eliminate invoicing delay
- ◆ Increase cash flow
- ◆ Identify problem inventory immediately
- ◆ Auto-create cycle counts
- ◆ Eliminate annual physical inventories
- ◆ Reduce or re-deploy staff
- ◆ Utilize supplier bar codes when they exist and/or optionally create your own when they don't



Do it Fast. Do it Right. The First Time.

Receiving

Incoming shipments may be received against an Advance Shipping Notice (ASN) sent to you via EDI or entered manually from a vendor fax, an Inter-branch transfer request (IBT) or a customer return. If there is no ASN created, you can also scan or enter a purchase order number and the ASN will be created automatically for you, based upon the items and quantities currently outstanding on the PO. It is also possible to authorize the processing of an “unplanned receipt”, where there is no outstanding document to receive against.

If your vendor has supplied license plate information on the ASN, you have the option to scan a pallet license plate and the system will automatically receive *all the items* on the pallet. More typically, you will simply scan each item as it is counted. As you do this, the system will guide you to stage the items for putaway by warehouse zone. There will also be automated instructions for any items to be cross docked or items requiring quality assurance procedures. You have the ability to receive items as “damaged”. When receiving is complete, if there are missing items and/or quantities, these remain open on the ASN or Purchase Order awaiting the next shipment or cancellation in the ERP system.

Putaway

Once receiving is complete, you may scan a license plate that was staged according to warehouse zone. Putaway instructions may be presented in order of either the optimum pick path, or in reverse order of the pallet “build”. The latter might make more sense when you have many items on the pallet so that you don’t have to “dig” to the bottom of a stack for the next item to be put away.

Depending upon your warehouse configuration, WM will instruct you as to where to put items away. In the case of overstock locations, WM can also select an appropriate location to accommodate the item. This includes a unique ability called “*virtualization*” where multiple locations can temporarily be tied together to accommodate larger items and/or quantities, providing more efficient space utilization of your facility.

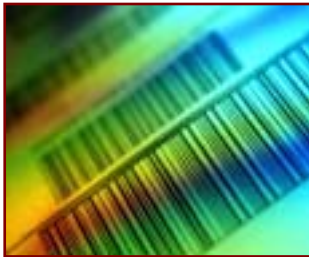




Picking

Depending upon your warehouse layout and operational procedures, a number of picking plans are available to you, including:

- ◆ Wave
- ◆ Cluster
- ◆ Batch
- ◆ Order
- ◆ Zone
- ◆ Pick and pass



Orders may be grouped, released, and managed by different characteristics, such as order priority and shipping method, as well as characteristics and locations of the items themselves. At each step along the way, the system uses barcode scanning to ensure that the right items are being pulled from the right locations, as well as tracking where the items are at all times along the way.

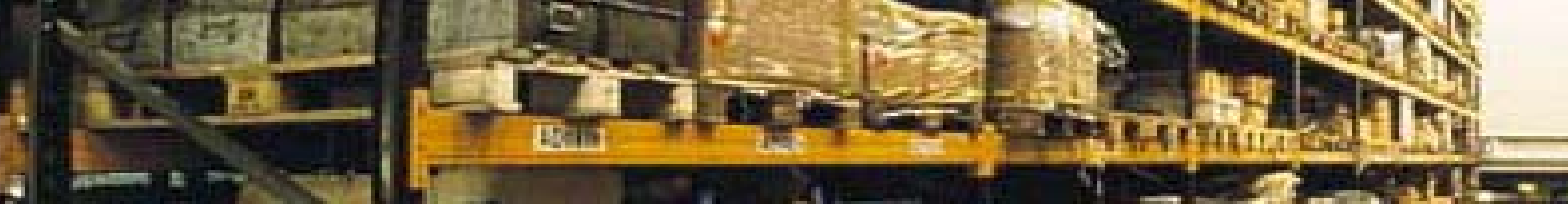


If there is an inventory discrepancy causing a short pick, the system can automatically flag a location for an audit. The operator can inquire on whether there are other locations in the facility containing the requested item. There is also an option to configure the system to request “spot counts” during picking. Typically this is performed when the system believes that the count should be “zero”. After picking from the location, the operator will be directed to verify the count in the location.

Pack Up and Ship Out – Fast!

During packing, order picks may be consolidated and packaged for shipping. WM can track which items are placed into various containers and even generate container labels. There are optional interfaces to various Transportation Management Systems for rate shopping and interfaces to various carriers. The system can generate load sheets and bills of lading automatically, with an option to send appropriate shipping notification to the customer via EDI.





Control your Inventory.

At the heart of a good inventory control system is a disciplined, fast, and accurate cycle count program. WM has just such a system, with the ability to integrate cycle counts into everyday operations *without* the usual inventory “freeze” requirement. This means you can perform operations such as picking, putaway, and moves simultaneously to conducting a cycle count. When the operator enters a count, WM compares it to the number expected to be there *at that moment* in time (as opposed to the count that was there when the cycle was initiated).

Setting up the cycle count program begins with “profiles” where items are selected and scheduled for counting according to:

- ◆ Location
- ◆ Vendor
- ◆ Category
- ◆ Velocity / movement
- ◆ Number of receipts
- ◆ “Other” item characteristics

Based upon these profiles, the system builds a cycle count file each day. Cycle count variances may be posted immediately to the ERP system, or held in a pending status. A manager may review all cycle count variances, optionally perform a recount, and make adjustments prior to sending the adjustments to the ERP system.



Get More Effective Employees. Faster.

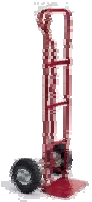
It hurts when you lose a well-trained, seasoned employee. It takes time, effort, and money to train someone new to fill those shoes. It takes all that to learn your warehouse, your products, and how to follow your procedures. It doesn't have to be so painful if you have a good WMS system.

WM can reduce the impact of turnover by reducing the level of training needed for new personnel, while increasing the accuracy and efficiency of **all** your warehouse employees. During putaway, picking, and replenishment, WM “tells” the employee exactly where to go in the warehouse. That means that they need very little understanding of how the facility is organized. Further, the system verifies that they are in the right location by scanning a barcoded location. It's the same with the items. WM tells them which item to use and verifies it with a scan.



Track “Moveable Units” with License Plates.

It’s one thing to track how much inventory you have in each location in your warehouse. To truly have control of the materials, orders, and activities in the facility, you need to go beyond that. Mincron’s WM system also tracks items that are placed in or on “movable units”, which are tracked by a license plate number. Movable units could be pallets, skids, totes, carts, forklifts, etc. This means, for example, that you would know that certain items for an order have been picked and are currently on pallet number “123”, parked at the end of aisle 11. This is also necessary to facilitate the ability to perform cycle counts simultaneously with other warehouse operations. WM “knows” where everything is all the time.



What About Barcode Labels?

Very few distributors have the luxury of handling only products which come from the manufacturer with barcode labels affixed. For this purpose, Mincron provides the ability to print them. This may be done as part of the receiving process, or perhaps simply printing labels to put on the bin location. The latter is typically the case with items where affixing a label is not practical. A variety of label formats are supported.



Move to Paperless Warehousing.

Rather than printing pick tickets which are handed to a single individual, WM dispatches pick instructions via RF guns. This gives you greater ability and flexibility than before, including:

- ◆ Splitting up picks by characteristics such as zone, whether equipment is required, etc.
- ◆ Prioritizing orders based upon characteristics such as customer waiting, shipping method, customer priority, etc.

More importantly, you shouldn’t see any more orders left unfinished or “lost” in process. WM is continually tracking the status of each order, each item on the order, and the location of every item. You are assured of a more disciplined, accurate, and timely process.

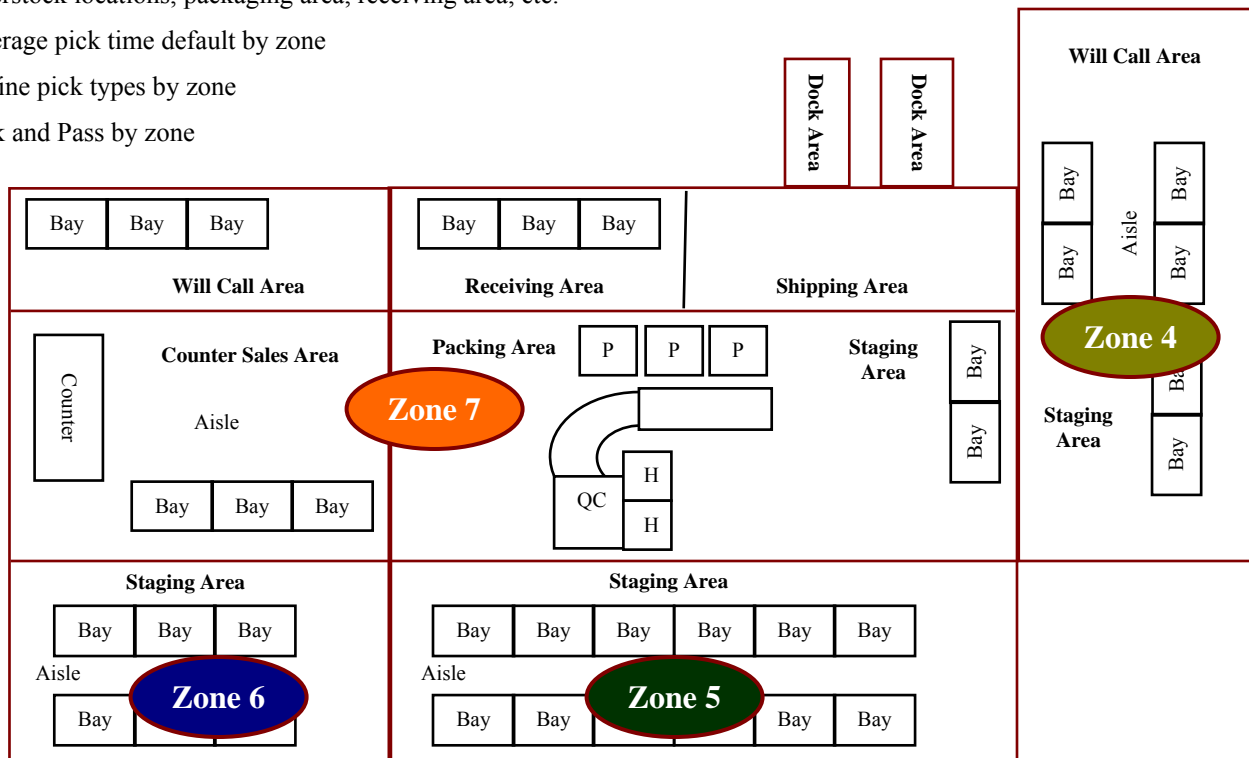
Manage Location and Materials.

Warehouse Manager allows you to define the layout of your warehouse facility. This includes the ability to define multiple warehouses in a single “complex”. Within each warehouse, you may define zones, each of which could potentially have different characteristics, such as whether they contain “pickable” material, hazardous or refrigerated materials, etc. You may also track statistics and manage movement within the warehouse by zone:

- ◆ Overstock locations, packaging area, receiving area, etc.
- ◆ Average pick time default by zone
- ◆ Define pick types by zone
- ◆ Pick and Pass by zone

Within each zone, you then define the various aisles, bays, bins, shelves, and slots. These locations may also have their own characteristics such as maximum weight and size. They may also be designated as primary pick or overflow stock locations.

WM also allows you to define location and zone sequencing. WM uses all this information to move personnel and material through the facility in the most efficient manner possible.

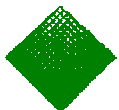


Achieve World-Class Operations.

Mincron’s Warehouse Manager is more than adding barcode scanning to a manual process. It’s more than a bin locator.

WM provides a system to manage a world-class warehousing operation with efficiency and precision.

Call us today for a personalized demonstration and for a glimpse into the future of your own operation!



MINCRON
SOFTWARE SYSTEMS

333 North Sam Houston Parkway East
Suite 1100
Houston, TX 77060

281-999-7010 ◆ 800-299-7010
www.mincron.com ◆ info@mincraon.com