

1placeScan (warehouse parts scanning and delivery application) + Suggestions (scan.1place.cloud)

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1placeScan - Functionality Summary

1placeScan is a 1place.cloud add-on that helps you:

- Scan items into stock for incoming Purchase Orders.
- Scan items out of stock for Sales Orders.
- Scan items out the door for Order Dispatching & Deliveries.
- Scan items into stock for Customer Returns.
- Scan items for Physical Inventory (Cycle) Counts.

How it Works

Scan items into stock for incoming Purchase Orders

- Scan items as they come off the truck. There is no need to hand count and reconcile PO's with a pencil. 1placeScan will auto compare the items scanned with the related PO. If any items have the incorrect quantity (or are missing) the user will be able to see (and email) a list of parts that didn't match, when the scanning is complete.
- As item are scanned from the truck (or sea container) they can be scanned:
 - (1) to the dock, which makes items instantly available for sale in 1place or from 1place ecom / shopping carts, (and then scanned to another bin later on.
 - Or, (2) scanned directly to the 'normal' bin location.
 - Or, (3) scanned to any other location, if they don't fit in the normal location. This helps you more fully optimize your warehouse space.
- If desired you can 'Reserve' items (not allow them to be sold) UNTIL they end up in their final bin location.

Scan items out of stock for Sales Orders (when picking items off the shelf)

- 1placeScan will tell the user which parts to pick, which bin they are in, and which order to pick them in.
- If the user scans the wrong item the app will alert the user (so the wrong parts don't get delivered to the customer).
- As the item is scanned from Bin to Cart, then Cart to Staging, the 'location' of the item is tracked.

Scan items out the door (for Order Dispatching & GPS Routing for Deliveries)

- Scan each Sales Order that you want to deliver. You can scan them in the order that you'd like to deliver them in or just scan them in any random order and then select the option to have Google Maps determine the best delivery order.
- Once the 'delivery order' of the deliveries has been determined 1placeScan will prompt the Delivery Truck loading person to scan each item (on each order) in reverse order (so the items can be taken off the truck in the order that they will be delivered). When all items are scanned it will alert the scanning person if any parts on the Orders have not been scanned into the truck.
- When the driver is ready to go he can log into 1placeScan (on his smart phone) and click the button to display the turn by turn GPS route to make all the deliveries.

Scan Item Returns

- User is given various options to find the part and create (or request authorization to create) a Return Authorization.
- A list of Sales Orders (and customer names will appear). The user will then select the Order or part to return.

- The user will be given a few questions such as should it go back into stock? Or, is it damaged? Should a Credit be created for the Customer?

Scan Items for Physical Inventory (Cycle) Counts: (Save Countless Hours of Time)

- Scan all items in a bin or a row and 1placeScan will connect to 1place to compare, auto reconcile, and update.
- No need to figure out which parts are which and how many you have.
- No need to hand look up and reconcile each individual part in 1place.

Additional DELIVERY FEATURES coming in an Update In the Near Future

- Scan Items off the Truck into the Customers hands. (This will requires a Scanner, not just a Mobile Phone).
- Receive Payments in the form of Cash, Checks, Credit Cards (on the fly), Credit Cards (from Credits Cards saved on file), eCheck (from ACH Checking Account saved on file), Customer Credits
- Return Parts. View a list of parts on the Invoice being delivered. Select 1 or more parts to 'Return'. Creates a Credit Memo in 1place. Puts items back into stock (in the ItemReturns bin, which can then be transferred back to a normal bin location using 1placeScan in the warehouse after returning the part back to the Warehouse). Locate parts from previous invoice deliveries and create a Return (and a Credit) for those items as well.

Pricing & Payment Terms

- We will help you set it up and try it free of charge for 30 days of 'Live' use.
- We charge a one time \$9,600 startup fee (per warehouse location).
 - You can spread the startup fee over 12 equal monthly payments of \$800, interest free.
 - You can quit at any time before the 12 monthly payments are completed and you will not owe any additional payments for the Startup.
 - No refunds are available for any payments made toward the Startup fee.
- We charge a \$480 monthly subscription fee (per warehouse location) for hosting, continuous updates, and personalized support.
 - The payments begin after the 30 day trial period.
 - This is a subscription. You are not purchasing software. You are purchasing software as a service. There are not contracts. You can quit at you will not owe any additional monthly fees.
 - No refunds are available for any monthly subscription fees.
- Barcode scanners and label printing hardware and labels are not included and must be purchased separately by your company. (We do not sell scanning or label printing hardware).
- To purchase the service you simply need to:
 - Send us an email (to the sales rep you are working with) with a request to start the service. Your email request will also signify to us that you have accepted our [Privacy Policy](#), our [License Agreement](#), and our [Terms of Use](#).

A few ideas for Industrial Barcode Scanners & Equipment

Minimum Scanner Requirements

- Operating System: Android. (Version: Kit Kat or greater) (Microsoft has made a decision to stop developing and supporting Windows Mobile in the near future).
- Wireless Capabilities / Internet Access: The device MUST have wireless internet access to log into osScan Online.
- Screen Size: Minimum of 2 1/4 inches wide x 3 inches tall.
- Bar Code Reader Type: 1D or 2D (we currently only utilize 1D, but could switch to 2D at some time in the future). Camera scanning not supported. (NOTE: Make sure the scanning software is pre-installed so it scans out of the box).
- Pistol Trigger Grip: Not required, but recommended for ease of use and comfort.
- Rugged: Able to be used in a warehouse environment. (Please note: No scanner is indestructible, but some are made to be more rugged than others).
- Extra Batteries: Recommended.

Barcode Scanners We Like

- New: (Top of the line) Zebra TC52, TC57, TC70, TC72
- New: (Good, less expensive, off brand). Chainway C72. (Includes NEW

- Scanner, Battery, Charger, Pistol Grip) \$698+ Free Shipping (as of 11/7/1/24) You can find the item [here](#). (Sold by [www.barcode-arena.com](#))
- Used/Refurbished: Symbol/Zebra TC70, or TC72 (TC70 Kit includes Refurbished Scanner, Battery, Charger, Pistol Grip) \$698 + Free Shipping, (as of 11/7/24)

A Scanner Vendor We Like

- There are numerous websites you can visit to buy new scanners (and a few that sell refurbished). However, many of our customers have received very personalized service and support, at very reasonable prices from <http://www.barcode-arena.com>. (844-835-8411, ask for Louis or Ruben, or contact sales@barcode-arena.com).

Barcode Label Printers (What to Buy)

No Manufacturer or Vendor has a corner on the market. If you have experience with, or favor a certain brand of printers and/or vendor, you may have great luck going back to them.

As of this writing, we do not have a printer vendor to suggest. However, we do favor dealing with small vendors (that have great, personalized service) and we also highly favor Zebra barcode printers (since most of our customers use them).

We recommend these label printers:

- ZD421 Desktop Series
- ZD621 Desktop Series
- ZT231 Industrial Series
- ZT411 Industrial Series
- ZT421 Industrial Series

Some of the things to consider when buying a label printer are:

- Label size.
- Label Print Speed.
- Buffer Memory Size
- Label Roll Size (the smaller it is, the more often it will have to be replaced)
- Label Print Type (Direct Thermal or Thermal Transfer)
- Label Print DPI (Dots Per Inch, the higher the better)

Potential Zebra Printer Vendor

- [Barcodewarehouse.biz](https://www.barcodewarehouse.biz/eCat/zebra_printers.aspx)
https://www.barcodewarehouse.biz/eCat/zebra_printers.aspx

Barcode Labels

- Direct Thermal Labels:
https://www.barcodewarehouse.biz/eCat/direct_thermal_labels_tags.aspx
- Thermal Transfer Labels:
https://www.barcodewarehouse.biz/eCat/thermal_transfer_labels_tags.aspx

Warehouse Bin Location (Barcode) Stickers

We suggest that you purchase high quality, long lasting pre-printed labels that match you warehouse labeling needs. You may want to include these ideas:

- WHITE label with bold black letters.
- 2-3 inch tall (human readable) Bin # (such as 01-14-03, or 01.14.03) with a large Code 128 style barcode to the right of it. (Side note: Bin numbers with periods are easier to hand enter in the scanning app...)
- Arrows to make it clear to the user where the bin #. (For instance if you have a shelf that stores items above it and also stores items on the floor below it, then you might need to have the lower bin area label on the shelf above it, with an arrow pointing DOWN. Then you might have another label for the bin above the shelf with an arrow pointing UP.) In terms of labeling (location) standardization, just keep in mind you will probably not have a shelf on the floor and you probably wont have a shelf at the very top of the rack. This is where arrows on the labels come in handy.
- If you think you are going to reconfigure your shelves a lot you may also

consider buying Magnetic Labels that can be easily moved to a different bin location later on.

Potential Bin Label Vendors

- Shelf Tag Supply <https://www.shelftagssupply.com/labels-and-cards/custom-printed-labels#ProductPricing>
- ID Label Inc <https://idlabelinc.com/product/warehouse-labels/>

IDEAS of How to Design a Bin Numbering System

Think long term when you come up with your Bin numbering system. The combination of the Isle #, Rack #, and Shelf # comprise the BIN #. For instance, using 01-14-03 as an example BIN #, the 01 would be the Isle #01, the 14 would be RACK # 14, and 03 would be SHELF (or Area) # 03. Start the Shelf numbering from the GROUND UP. Also, consider that the SHELF configuration may change, so try not to lock yourself into inflexible bin #s. For example. Suppose you have 18 foot high Racks with a Shelf every 3 feet. You might think, well the bottom 3 feet area (on the ground if no bottom shelf existed) would be bin area 01, the 1st shelf (3 feet above the ground) would be bin area 02. The next area on shelf 2 would be be 03, etc. But what if you added a shelf (later on) in between the 1st and 2nd shelves? Now your logical numbering is off. So, to prevent this, you might consider numbering your shelves in the smallest common denominator, such as every 1 foot, or something like that. Using the example above your first bin 'area' (which is on the floor) might be bin area 01, and the first shelf (3 feet) above it might be called bin area 04. So, in summary if you had a RACK (that was on Isle 05, RACK # 50) with shelves 3, 6, 9, 12, 15, and 18 feet above the ground, you might make the following BIN # labels:

05-50-00 (on the ground)

05-50-03 (1st shelf 3 feet above the ground)

05-50-06 (2nd shelf 6 feet above the ground)

Etc... Then if you added any shelves later on, a bin # would be available for us, such as 05-50-07 if you put another shelf 1 foot above bin # 05-50-06.

Alternatively you could separate the Isle-Rack-Shelf with periods (to make it easier for warehouse workers to 'hand enter' bin locations without having to use the shift key for each '-'). They would like more like this:

05.50.00 (on the ground)

05.50.03 (1st shelf 3 feet above the ground)

05.50.06 (2nd shelf 6 feet above the ground)

Other Multi-Warehouse Considerations

Suppose you have a Warehouse in Salt Lake City, and another Warehouse in Denver. Both warehouses will most likely have an Isle 01, and a RACK 01, and a Shelf 00. 1place shows items to pick BY WAREHOUSE, so technically it is OK to have the same set of BIN #s in different warehouses. However, some companies like to be able to identify the WAREHOUSE IN the BIN #. (We think this could be a little overkill, but is an option). So, if you prefer to do that, then using the example BIN # above, assuming your Salt Lake Warehouse was Identified as 01 and your Denver Warehouse was identified as 05, then you might have the following Bin #s:

01-05-50-00 (Salt Lake warehouse, Isle 05, Rack 50, Bin 00)

05-05-50-00 (Denver, warehouse, Isle 05, Rack 50, Bin 00)

Another example, if the Salt Lake Warehouse was identified as SLC and Denver was identified as DEN then the bin locations might look more like this:

SLC-05-50-00 (Salt Lake warehouse, Isle 05, Rack 50, Bin 00)

DEN-05-50-00 (Denver, warehouse, Isle 05, Rack 50, Bin 00)

Or

SLC.05.50.00 (Salt Lake warehouse, Isle 05, Rack 50, Bin 00)

DEN.05.50.00 (Denver, warehouse, Isle 05, Rack 50, Bin 00)

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