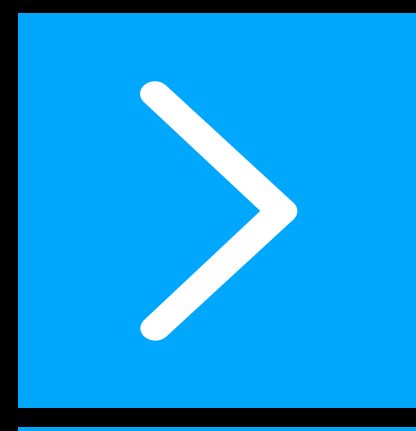




# Certified Supplies

Exceptionally Consistent, Consistently Exceptional



Enter Here

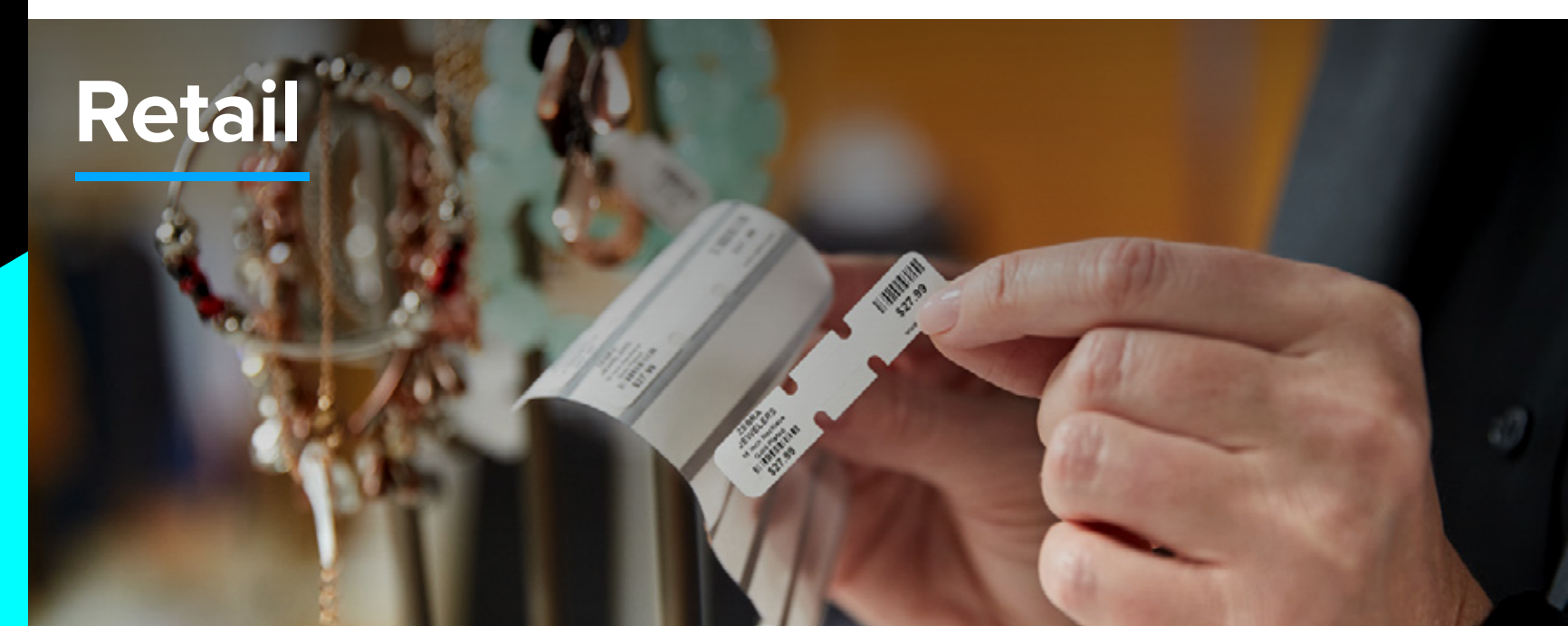
Healthcare



Manufacturing



Retail



Warehouse



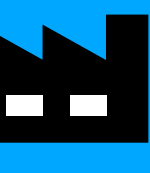


## Choose a Vertical.

### Healthcare



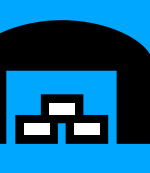
### Manufacturing



### Retail



### Warehouse







# Healthcare

[See Healthcare Summary >](#)

**RFID Asset Tracking**  
Identification of wheelchairs,  
beds, test equipment, etc

**Phlebotomy  
Collection Label**  
Identification of blood samples  
from bedside to the lab

**Microscope Slide  
Labeling Solution**  
Reliable identification of  
microscope slide labels  
throughout the testing process

**Blood Bag Identification**  
Identification of blood bags in  
the Blood Bank

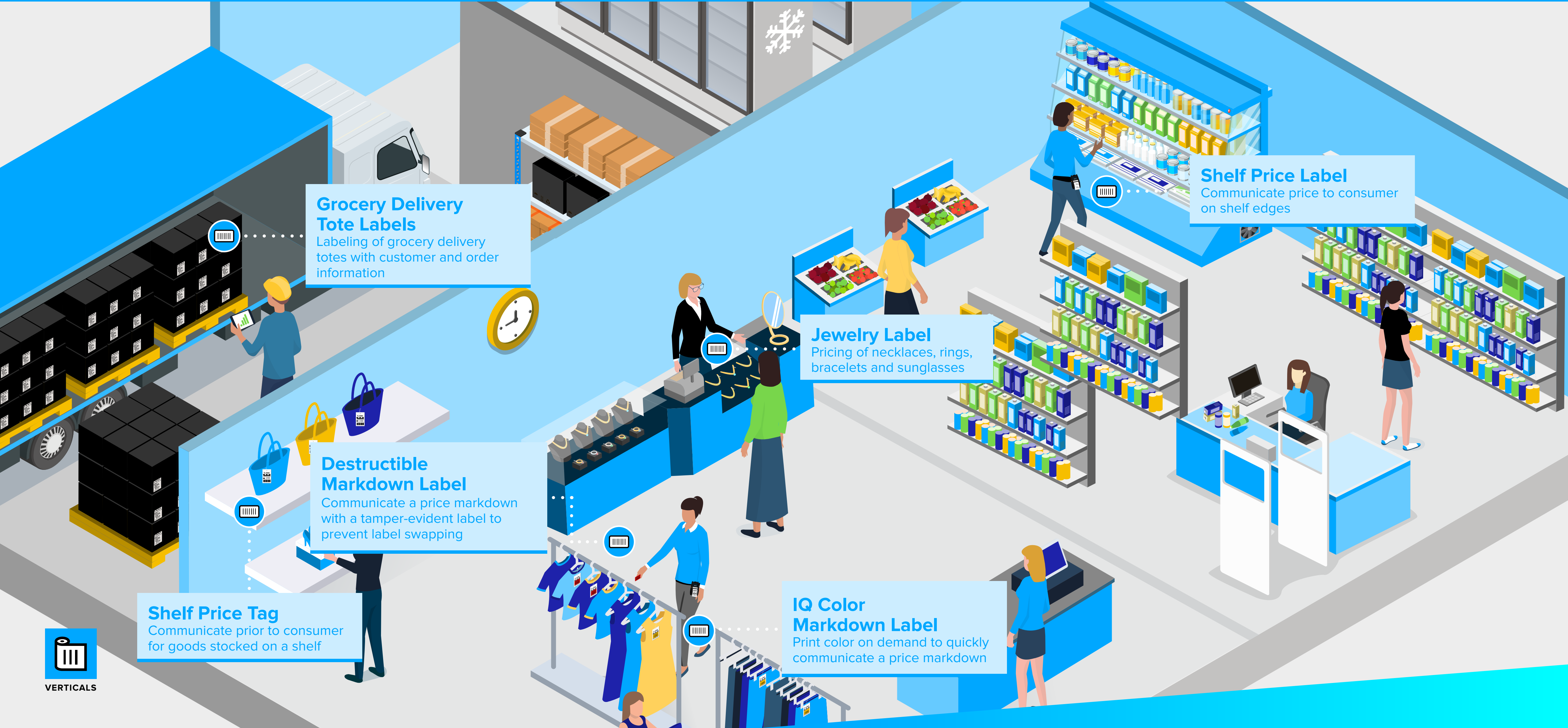


VERTICALS



# Retail

[See Retail Summary >](#)



**Grocery Delivery Tote Labels**  
Labeling of grocery delivery totes with customer and order information

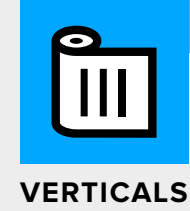
**Shelf Price Label**  
Communicate price to consumer on shelf edges

**Jewelry Label**  
Pricing of necklaces, rings, bracelets and sunglasses

**Destructible Markdown Label**  
Communicate a price markdown with a tamper-evident label to prevent label swapping

**Shelf Price Tag**  
Communicate prior to consumer for goods stocked on a shelf

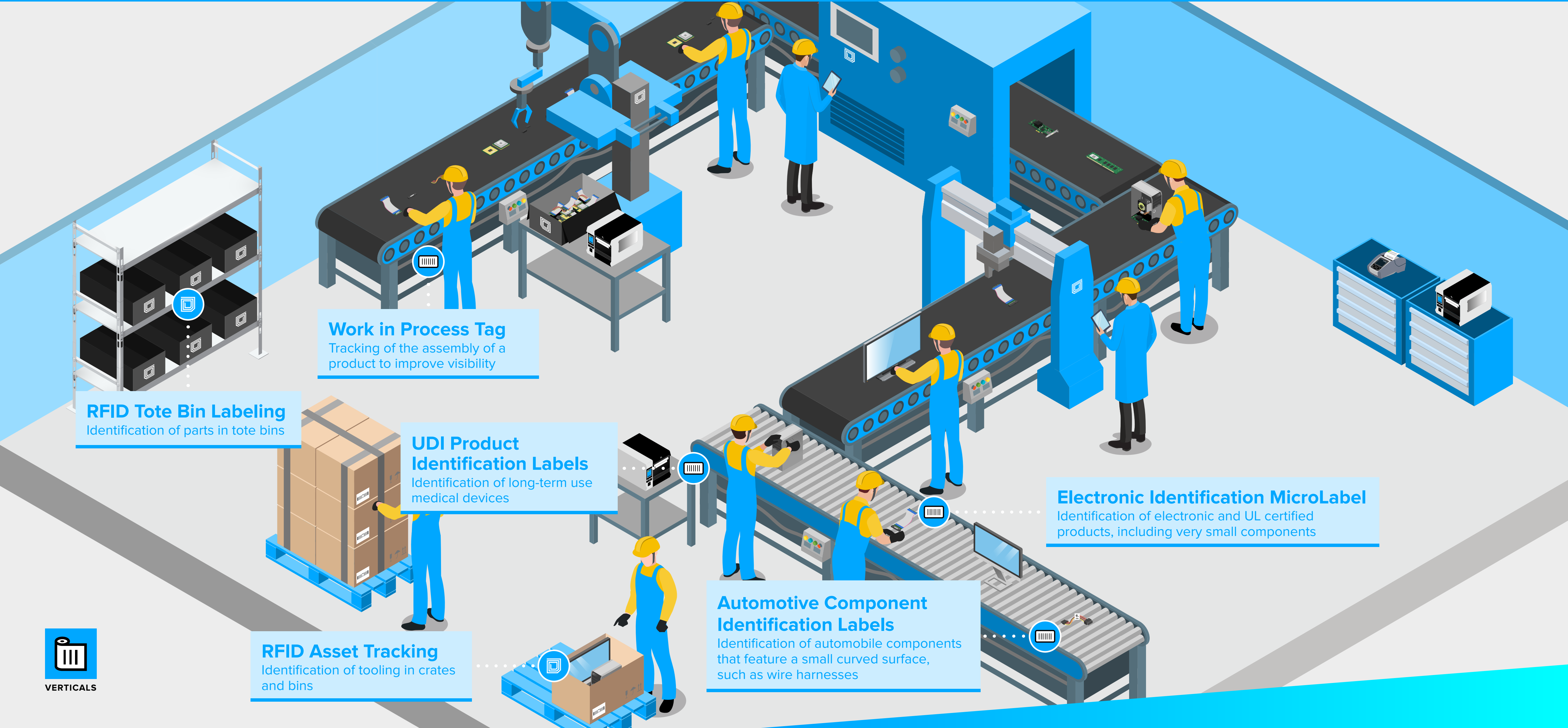
**IQ Color Markdown Label**  
Print color on demand to quickly communicate a price markdown





# Manufacturing

[See Manufacturing Summary >](#)



**Work in Process Tag**  
Tracking of the assembly of a product to improve visibility

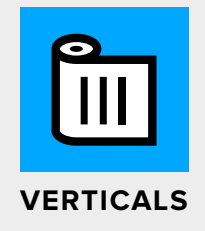
**RFID Tote Bin Labeling**  
Identification of parts in tote bins

**UDI Product Identification Labels**  
Identification of long-term use medical devices

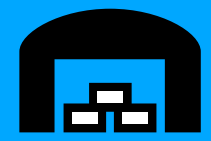
**Electronic Identification MicroLabel**  
Identification of electronic and UL certified products, including very small components

**Automotive Component Identification Labels**  
Identification of automobile components that feature a small curved surface, such as wire harnesses

**RFID Asset Tracking**  
Identification of tooling in crates and bins

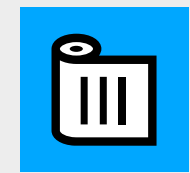
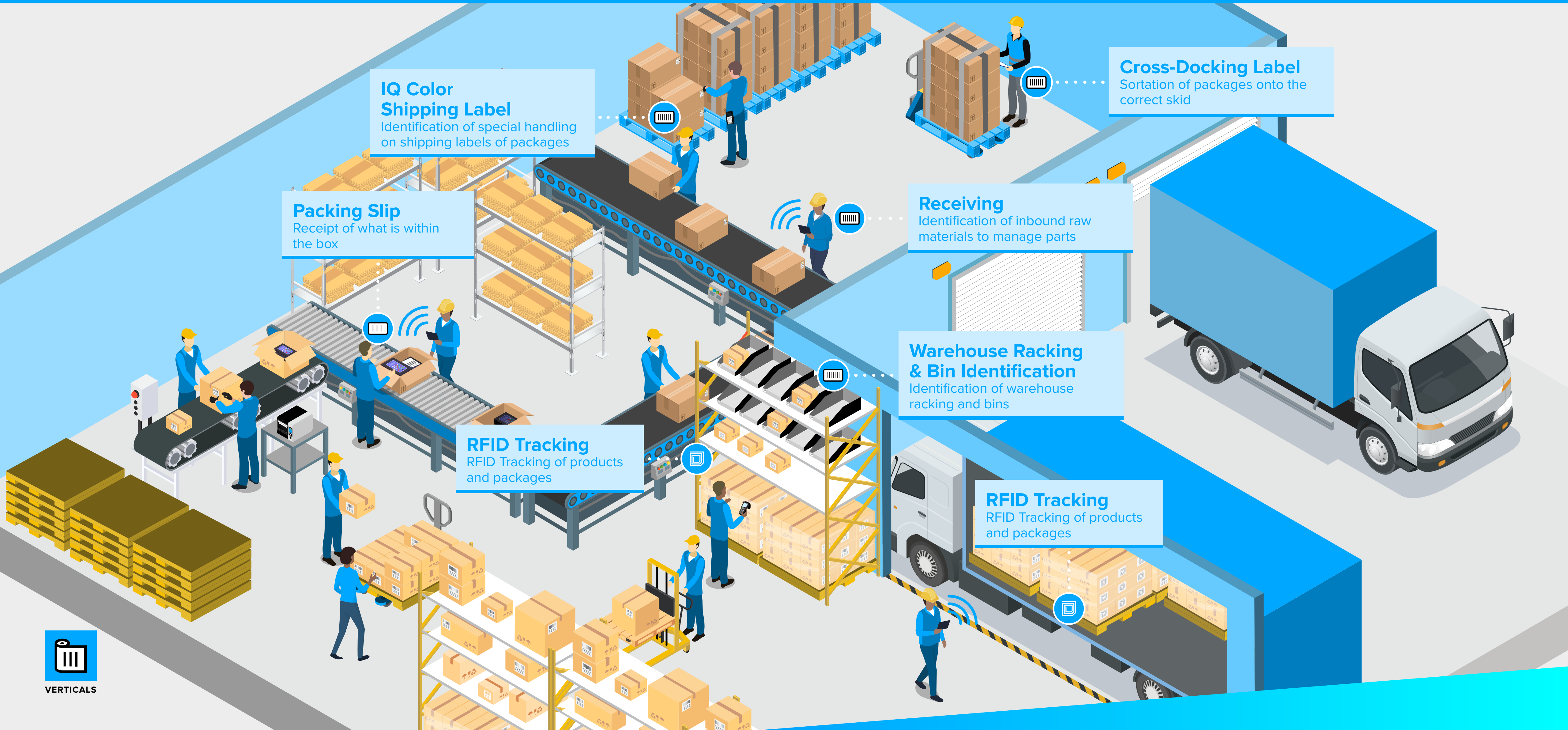






# Warehouse

[See Warehouse Summary >](#)





## Patient Identification Wristband

[See Healthcare Summary >](#)

Accurately identify patients from admission to discharge.

### Common Challenges:

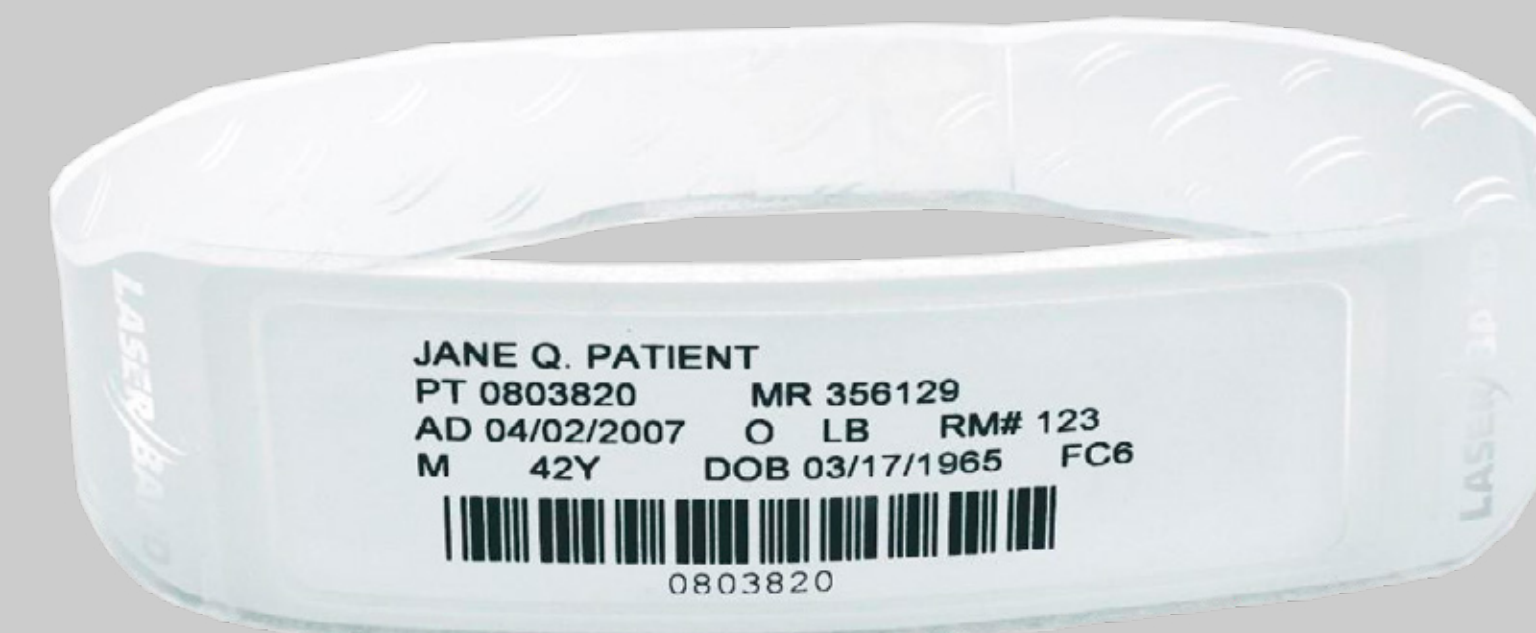
- Nurse workarounds due to unscannable illegible wristbands.
- Wristband twists on patient's wrist, requiring nurse to wake patient to adjust wristband so they can scan it.
- Linear barcode is unscannable due to curvature of patient's wrist, requiring a nurse to manipulate the band to scan it.

## Zebra's Solution

### LaserBand<sup>®</sup>2 Advanced Wristband

#### Zebra Value

- Patented design does not twist on patients wrists and lays flat for quick and easy scannability without having to manipulate the wristband.
- Easier to assemble than traditional laser wristbands, to ensure image is fully protected from moisture and remains scannable during the patient's stay.



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# RFID Patient Identification Wristband

[See Healthcare Summary >](#)

Enables quick scanning through blankets and drapes.

## Common Challenge:

- If patient's wrist is under a blanket or drape, have to uncover it to scan wristband.

## Zebra's Solution

### Z-Band UltraSoft UHF RFID LR Wristband

#### Zebra Value

- Flag design creates space between the body and inlay to improve read range.
- Special inlay designed for use near the human body to provide improved read range.
- One of the softest thermal wristbands available.



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## Patient Identification Wristband

[See Healthcare Summary >](#)

Accurately identify patients from admission to discharge.

### Common Challenge:

- Nurse workarounds due to unscannable illegible wristbands.

## Zebra's Solution

### Z-Band UltraSoft Wristband

#### Zebra Value

- One of the softest wristbands in the market.
- Compatible with the ZD510-HC & HC100 printers for easy printing.
- Up to 6x more durable to hand sanitisers than the leading competitor, so stays scannable throughout the average patient stay.





## Microscope Slide Labeling Solution

[See Healthcare Summary >](#)

Reliable identification of microscope slide labels throughout the testing process.

### Common Challenges:

- Prevents the inability to provide test results and the need to obtain another sample for re-testing due to contact with stains and Xylene during testing.
  - Label falling off microscope slide.
  - Image fading and becoming unscannable.

## Zebra's Solution

Thermal Transfer Z-Xtreme 5000T Polyester Label & Image Lock Resin Ribbon

### Zebra Value

- Pre-tested to ensure resistance to stains, Xylene and other chemicals used in the testing process to ensure labels remain identifiable and secured so you can deliver lab results to the correct patient in a timely manner.
- Cartridge ribbon available for use in ZD420-C printer enabling quick and easy installation of thermal ribbon.



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## Phlebotomy Collection Label

[See Healthcare Summary >](#)

Identification of blood samples from bedside to the lab.

### Common Challenge:

- Manual identification of STAT samples which opens up process to errors, resulting in testing not be conducted within the proper time-frame, and requiring a redraw and re-testing.

## Zebra's Solution

### Direct Thermal IQ Color 2000D Paper Label

#### Zebra Value

- IQ Color invisible inks can be pre-printed on label and activated on-demand automating the identification of STAT samples.







## Blood Bag Identification

[See Healthcare Summary >](#)

Identification of blood bags in the Blood Bank.

### Common Challenge:

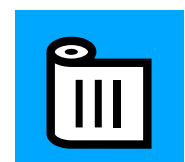
- Adhesive of label must prevent blood contamination from the adhesive.
- Label not resistant to moisture and fades.

## Zebra's Solution

### Thermal Transfer 8000T Primary Blood Bag Polyethylene Label with 3200 Wax/Resin Ribbon

#### Zebra Value

- Features an adhesive tested to ensure that it will not leach through the bag and contaminate the blood.
- Polypropylene material is resistant to moisture and remains readable during its use.



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## Cyrogenic Storage Label

[See Healthcare Summary >](#)

Identification of specimens in cold storage.

### Common Challenge:

- Label falls off medical storage or testing container when subjected to extremely cold temperatures making it unidentifiable.

## Zebra's Solution

### Thermal Transfer 8000T CryoCool Polypropylene Labels with 6200 Resin Ribbon

#### Zebra Value

- Stays adhered in extremely low temperatures (as cold as -320°F / 196°C) including liquid nitrogen cryogenic application and dry ice.
- Stays adhered when brought from freeze conditions and subjected to boiling water.
- Adhesive performance pre-tested in deep freeze conditions on glass vials, polypropylene centrifuge tubes, glass microscope slides and flat polypropylene surfaces.



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## RFID Asset Tracking

[See Healthcare Summary >](#)

Identification of wheelchairs, beds, test equipment, etc.

### Common Challenges:

- Cost to identify metal items with RFID.
- Metal interfering with readability of RFID inlay.
- Thicker RFID tags do not print through standard thermal printer.

## Zebra's Solution

### Silverline RFID Labels

#### Zebra Value

- Features material between the inlay and adhesive that creates a barrier to deliver improved read ranges and make scannability easier.
- Cost effective solution when compared to other types of RFID tags available in the market for labeling metal items.
- Coupled with Zebra's ZT411 RFID Industrial Printer with upgrade to print thicker tags, you can easily print and encode.



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# Zebra Healthcare Supplies at a Glance

## Patient Identification Wristband



LaserBand®2 Advanced Wristband

## RFID Patient Identification Wristband



Z-Band UltraSoft UHF RFID LR Wristband

## Patient Identification Wristband



Z-Band UltraSoft Wristband

## Microscope Slide Labeling Solution



Thermal Transfer Z-Xtreme 5000T Polyester Label & Image Lock Resin Ribbon

## Phlebotomy Collection Label



Direct Thermal IQ Color 2000D Paper Label

## Blood Bag Identification



Thermal Transfer 8000T Primary Blood Bag Polyethylene Label with 3200 Wax/Resin Ribbon

## Cryogenic Storage Label



Thermal Transfer 8000T CryoCool Polypropylene Labels with 6200 Resin Ribbon

## RFID Asset Tracking



Silverline RFID Labels



## IQ Color Markdown Label

[See Retail Summary >](#)

Print color on demand to quickly communicate a price markdown.

### Common Challenges:

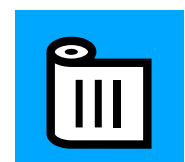
- Color is needed as a visual cue to indicate to customers that an item has been marked down.
- A multi-color markdown strategy requires the use of multiple rolls of labels - each with a different color.
- Time needed to markdown items in store due to need to change out rolls based on discount percentage.

## Zebra's Solution

### Direct Thermal IQ Color 2000D Paper Label

#### Zebra Value

- Print color on demand using your existing Zebra printer.
- Innovative IQ Color invisible ink technology enables you to select the colors and location of the colors to call attention to markdown items.
- Improves the percentage of sales at first markdown.
- Reduces the time it takes for store associates to markdown aging inventory. Eliminates the need to inventory multiple colors of labels to support markdown strategy.



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## Destructible Markdown Label

[See Retail Summary >](#)

Communicate a price markdown with a tamper-evident label to prevent label swapping.

### Common Challenge:

- Impact on customer experience and ability to sell item quickly due to the customer being able to see the original price through the label.

## Zebra's Solution

### Direct Thermal 8000D Destructible Polyethylene Label

#### Zebra Value

- Reduces label swapping as label easily self-destructs when consumer tries to remove label from a marked down item, so they can't place it on a regular price item, reducing shrinkage.
- Self-destruct functionality works even if multiple markdown labels have been applied on top of each other.



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## Shelf Price Tag

[See Retail Summary >](#)

Communicate price to consumer for goods stocked on a shelf.

### Common Challenge:

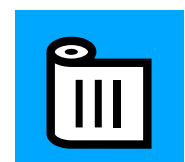
- Does not easily slide into shelf channel.
- PMS color varies from label to label impacting brand image.

## Zebra's Solution

### Direct Thermal Z-Perform 1000D Paper Tag

#### Zebra Value

- Can manufacture a shelf tag to the exacting standards of the shelf channel.
- Precise PMS color matching for easily identifiable brand image.
- Pre-tested to resist fading due to fluorescent lights.
- 110mm thick so will not bend when inserting into shelf channel.



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## Shelf Price Label

[See Retail Summary >](#)

Communicate price to consumer on shelf edges.

### Common Challenge:

- Label sticks well on shelves in room temperature, but not refrigerated or freezer areas.

## Zebra's Solution

### Direct Thermal Z-Perform 2000D Paper Label

#### Zebra Value

- Features an all-temp adhesive that can be applied at lower temperatures and stays adhered.
- Precise PMS color matching for easily identifiable brand image.





## Grocery Delivery Tote Labels

[See Retail Summary >](#)

Labeling of grocery delivery totes with customer and order information.

### Common Challenges:

- Labels falling off crate due to adhesive not being able to withstand freezer temperatures.
- Label hard to remove from tote, requiring additional time.

## Zebra's Solution

### Direct Thermal Low-Temperature, Removable Adhesive Paper Label

#### Zebra Value

- Features a low-temp adhesive optimal for freezer temperatures and use on a tote surface that is easily removable.



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## Jewelry Label

[See Retail Summary >](#)

Pricing of necklaces, rings, bracelets and sunglasses.

### Common Challenges:

- Label fades over time due to lights in jewelry displays.
- Standard size labels do not fit on jewelry.
- Adhesive is hard to remove or damages item.

## Zebra's Solution

### Direct Thermal 8000D Jewelry Polypropylene Label

#### Zebra Value

- Added UV resistant varnish provides excellent resistance to strong lights in a retail environment.
- Unique shapes to fit on jewelry and to prevent damage.
  - Butterfly shape features adhesive free zone.
  - Dumbbell shape with full adhesive.



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# Zebra Retail Supplies at a Glance

## IQ Color Markdown Label



Direct Thermal IQ Color 2000D Paper Label

## Destructible Markdown Label



Direct Thermal 8000D Destructible  
Polyethylene Label

## Shelf Price Tag



Direct Thermal Z-Perform 1000D Paper Tag

## Shelf Price Label



Direct Thermal Z-Perform 2000D  
Paper Label

## Grocery Delivery Tote Labels

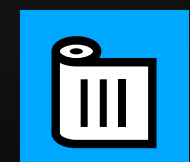


Direct Thermal Low-Temperature,  
Removable Adhesive Paper Label

## Jewelry Label



Direct Thermal 8000D Jewelry  
Polypropylene Label



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## Electronic Identification MicroLabel

[See Manufacturing Summary >](#)

Identification of electronic and UL certified products, including very small components.

### Common Challenges:

- Label becomes unscannable and item becomes unidentifiable due to:
  - Print not withstanding exposure to abrasion.
  - Print fading due to environment.
  - Print rubbing off due to incompatibility of label and ribbon.

## Zebra's Solution

**Thermal Transfer Z-Ultimate 2000T Gloss Polyester Label with 5095 Wax/Resin Ribbon**

### Zebra Value

- Matched label and ribbon set has been pre-tested to ensure readability when subjected to abrasion and most moderate strength chemicals.
- Certified by UL to meet UL 969 Labeling Standard.
- Zebra is authorized to pre-print the UL mark.



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## UDI Product Identification Labels

[See Manufacturing Summary >](#)

Identification of long-term use medical devices.

### Common Challenges:

- Label becomes unscannable and item become unidentifiable due to not being resistant to:
  - Multiple sterilization cycles.
  - Cleaning agents used to disinfect medical devices.

## Zebra's Solution

### Thermal Transfer Z-Ultimate 2000T Gloss Polyester Label with 5095 Wax/Resin Ribbon

#### Zebra Value

- Matched label and ribbon set has been pre-tested to ensure smear/scratch resistance and withstand exposure to steam autoclave, gamma radiation and ethylene oxide sterilization.
- Print remains readable and scannable after being wiped down with common hospital cleaning agents for the products useful life.
- UL 969 and UL/IEC 60601-1 approved.



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## Automotive Component Identification Labels

[See Manufacturing Summary >](#)

Identification of automobile components that feature a small curved surface, such as wire harnesses.

### Common Challenge:

- Labels fall off product prior to being delivered to Automobile manufacturer or print fades due to exposure to chemicals resulting in fines, impact to supplier rating and re-work of product.

## Zebra's Solution

### Thermal Transfer PolyPro 3000T Gloss Polypropylene Label with 5095 Wax/Resin Ribbon

#### Zebra Value

- Zebra not only pre-tests to common automotive manufacturer labeling standards, but tests on the actual surface being labeled to ensure the label will stay readable and adhered during the products life.
- Stays adhered on most small curved surfaces.
- Print is durable when subjected to engine oil, diesel fuel, anti-freeze, cleaning solvents and grease.



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## RFID Tote Bin Labeling

[See Manufacturing Summary >](#)

Identification of parts in tote bins.

### Common Challenges:

- Inlay that enables the encoding of a large amount of information.
- Tag encoding issues - too many voids.
- Unable to read RFID tag at any angle.
- Inability to read RFID tag due to densely packed items.

## Zebra's Solution

### ZBR4001 Inlay

#### Zebra Value

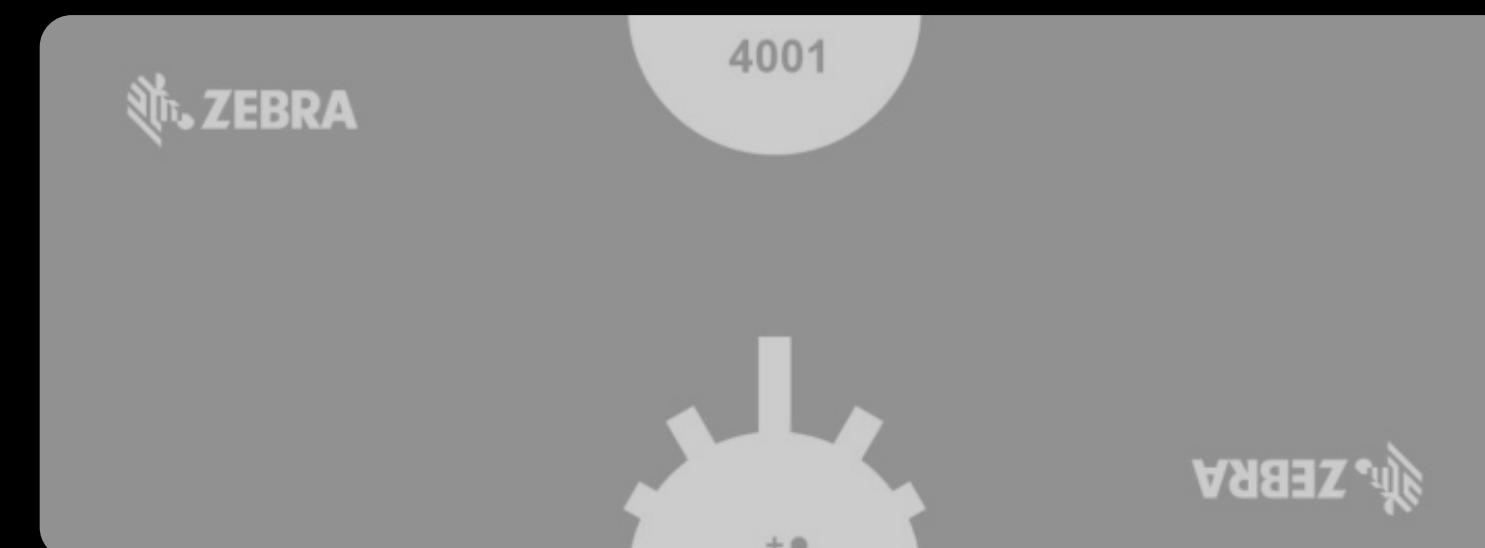
- High-memory inlay that enables the ability to encode a larger amount of information.
- Optimized to be read from nearly any angle.
- Performs well when placed on or near challenging materials (i.e. pallets, freight) and densely packed items.
- Pre-tested with Zebra's readers and printers to ensure high-performance.
- Zebra's RFID manufacturing process follows a rigorous ISO:9001 procedure to ensure correct placement to reduce inlay encoding issues.



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## RFID Asset Tracking

[See Manufacturing Summary >](#)

Identification of tooling in crates and bins.

### Common Challenges:

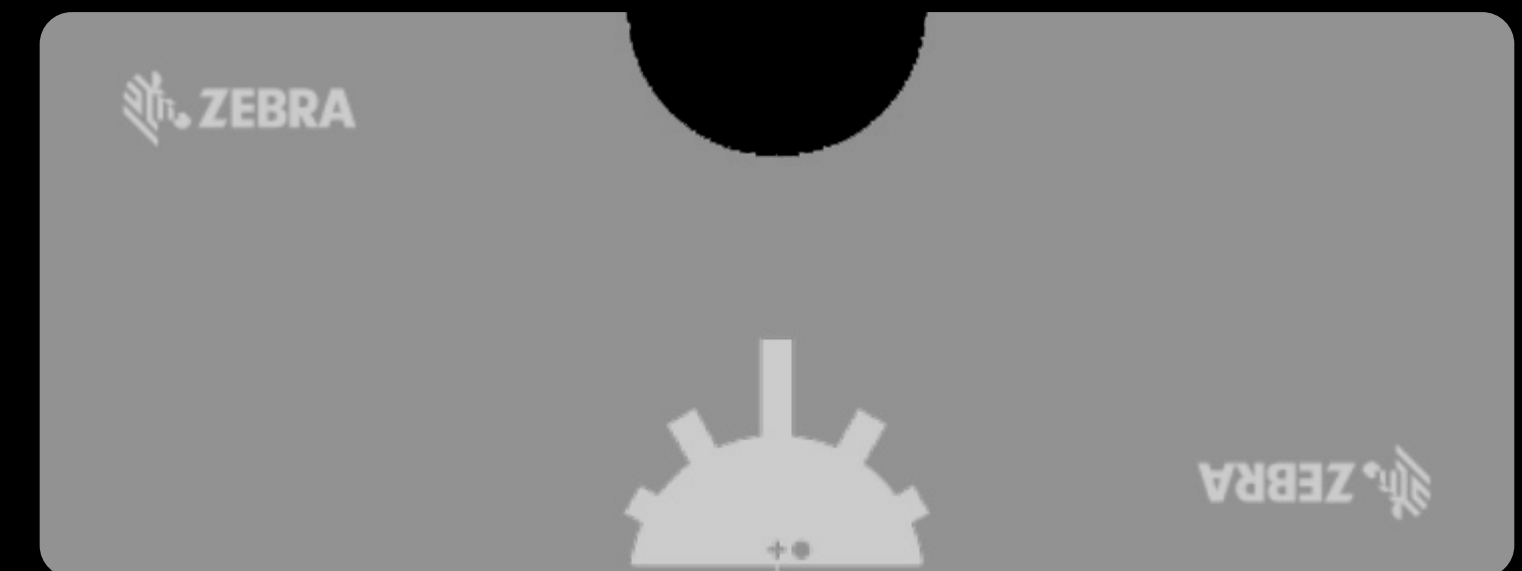
- Tag encoding issues - too many voids.
- Unable to read RFID tag at any angle.
- Inability to read RFID tag due to densely packed items.

## Zebra's Solution

### ZBR4000 Inlay

#### Zebra Value

- Ultra-high sensitivity: read range up to 20m in free space.
- Optimized to be read from nearly any angle.
- Performs well when placed on or near challenging materials (i.e. pallets, freight) and densely packed items.
- Designed in conjunction with NXP (a leading RFID chip developer).
- Certified by the University of Auburn's ARC Program.
- Pre-tested with Zebra's readers and printers to ensure high-performance.
- Zebra's RFID manufacturing process follows a rigorous ISO:9001 procedure to ensure correct placement to reduce inlay encoding issues.



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## Work in Process Tag

[See Manufacturing Summary >](#)

Tracking of the assembly of a product to improve visibility.

### Common Challenges:

- Without a means to track products, it is difficult to identify bottlenecks in the assembly line.
- A barcode that can't be scanned, can't be tracked throughout the entire process.

## Zebra's Solution

### Thermal Transfer Z-Perform 1000T Tag with 6000 Wax Ribbon

#### Zebra Value

- Economical paper tag with wax ribbon.
- Pre-tested to ensure high-quality, durable print so it can be scanned throughout the process.



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### Electronics Store XYZ

Order Number: 825616    Date: 5/4/2017  
Packing Slip: ES6623    Time: 2:23:28 PM  
Item Number: 30781  
Description: Cradle, Ground  
Receipt: 275592

Existing Locations:

300 Mechline



2100 Warehouse:



1001 Fab Shop:



Z-Select 4000T 7mil Tag  
w/ 6000 wax ribbon

Item: 30781



Location: Stage



Quantity: 6000



ZEBRA [www.zebra.com](http://www.zebra.com)

# Zebra Manufacturing Supplies at a Glance

## Electronic Identification MicroLabel



Thermal Transfer Z-Ultimate 2000T Gloss Polyester Label with 5095 Wax/Resin Ribbon

## UDI Product Identification Labels



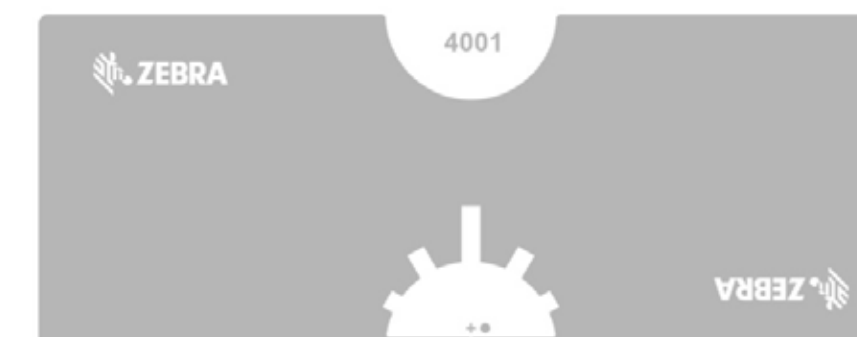
Thermal Transfer Z-Ultimate 2000T Gloss Polyester Label with 5095 Wax/Resin Ribbon

## Automotive Component Identification Labels



Thermal Transfer PolyPro 3000T Gloss Polypropylene Label with 5095 Wax/Resin Ribbon

## RFID Tote Bin Labeling



ZBR4001 Inlay

## RFID Asset Tracking



ZBR4000 Inlay

## Work in Process Tag



Thermal Transfer Z-Perform 1000T Tag with 6000 Wax Ribbon

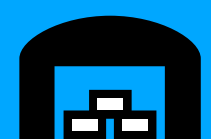


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## Cross-Docking Label

[See Warehouse Summary >](#)

Sortation of packages onto the correct skid.

### Common Challenges:

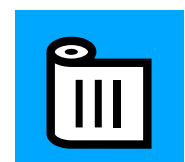
- Mis-shipments due to incorrect sortation leading to reduction in sales and increased cost to get shipment to correct location.
- Hard for associates to manually sort using a letter and number combination versus color indicators.

## Zebra's Solution

### Direct Thermal IQ Color 2000D Paper Label

#### Zebra Value

- Print color on demand using your existing Zebra printer.
- Innovative IQ Color invisible ink technology enables you to select the colors and location of the colors to facilitate quick and accurate sorting, reducing mis-shipments.
- Ability to print symbols or text to enhance understanding.

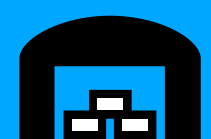


VERTICALS



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## IQ Color Shipping Label

[See Warehouse Summary >](#)

Identification of special handling on shipping labels of packages.

### Common Challenge:

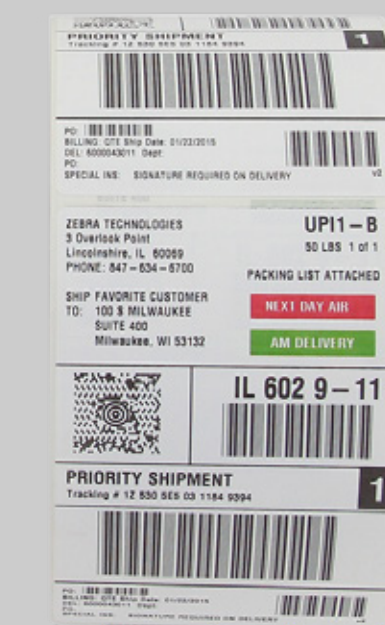
- Incorrect routing of packages due to incorrect sortation leading to manual re-routing.

## Zebra's Solution

### Direct Thermal IQ Color 2000D Paper Label

#### Zebra Value

- Print color on demand using your existing Zebra printer.
- Innovative IQ Color invisible ink technology enables you to select the colors and location of the colors to facilitate quick and accurate sorting, reducing incorrect routing.
- Ability to print reverse text.

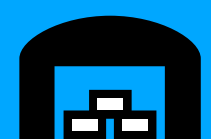


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## Packing Slip

[See Warehouse Summary >](#)

Receipt of what is within the box.

### Common Challenges:

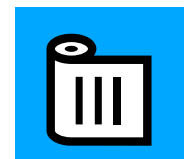
- Takes a lot of time to print a traditional packing list, fold it, insert it into packing list envelope and then secure the packing list envelope on package.
- Process includes the use of 2 products: packing list envelope and paper packing slip.

## Zebra's Solution

### Direct Thermal Z-Slip Label

#### Zebra Value

- Our Supplies R&D Team developed a unique solution in one easy to apply item to cut packing list application time in up to half.
- Just print, peel and apply the packing slip in less than 15 seconds.

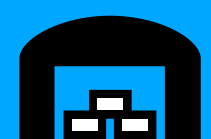


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## Warehouse Racking and Bin Identification

[See Warehouse Summary >](#)

Identification of warehouse racking and bins.

### Common Challenges:

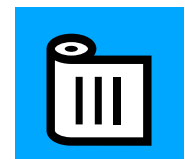
- Label becomes unreadable due to:
  - Lack of resistance to abrasion.
  - Damage if torn.
  - Contact with chemicals.

## Zebra's Solution

Thermal Transfer Z-Ultimate 3000T Gloss Polyester Label with Wax/Resin 5095 Ribbon

### Zebra Value

- Matched label and ribbon set has been pre-tested to ensure smear/scratch resistance.
- Print remains readable and scannable after coming into contact with chemicals.
- Synthetic material does not tear.



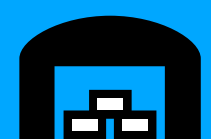
VERTICALS



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Identification of inbound raw materials to manage parts.

## Common Challenges:

- Unable to quickly identify items, requiring the reading of the label.
- Inability to quickly identify which items were received first to ensure first in, first out.
- Amount of time it takes to manage product recalls.

## Zebra's Solution

### Direct Thermal Floodcoated Z-Perform 2000D Paper Label

#### Zebra Value

- Zebra can pre-print color across the entire label to be used as visual indicator.
- Ability to precisely match PMS colors from order to order to ensure correct identification.

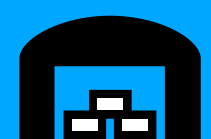


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## RFID Tracking

[See Warehouse Summary >](#)

RFID tracking of products and packages.

### Common Challenge:

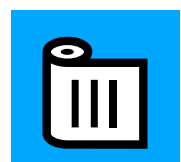
- Tag encoding issues - too many tag voids.
- Hard to read inlay - must be close to inlay to read it.

## Zebra's Solution

### ZBR2000 RFID Inlay

#### Zebra Value

- Ultra-high sensitivity: read range up to 17m in free space.
- Designed in conjunction with NXP (a leading RFID chip developer).
- Certified by the University of Auburn's ARC Program.
- Pre-tested with Zebra's readers and printers to ensure high-performance.
- Zebra's RFID manufacturing process follows a rigorous ISO:9001 procedure ensuring correct placement to reduce inlay encoding issues.



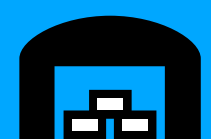
VERTICALS



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## RFID Tracking

[See Warehouse Summary >](#)

RFID tracking of products and packages.

### Common Challenges:

- Tag encoding - too many tag voids.
- Unable to read RFID tag at any angle.
- Inability to read RFID tag due to densely packed items.
- Hard to read inlay - must be close to inlay to read it.

## Zebra's Solution

### ZBR4000 Inlay

#### Zebra Value

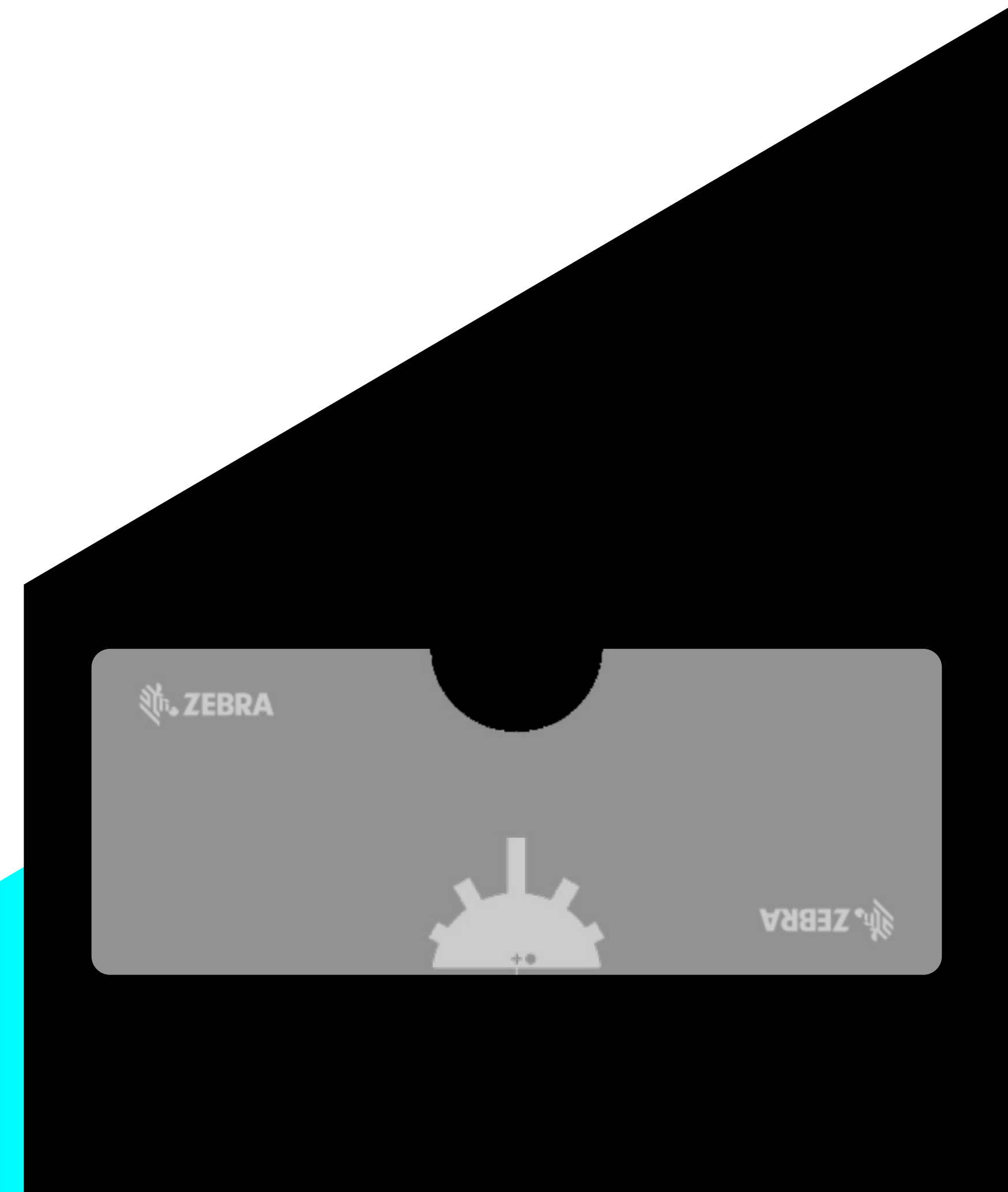
- Ultra-high sensitivity: read range up to 20m in free space.
- Optimized to be read from nearly any angle.
- Performs well when placed on or near challenging materials (i.e. pallets, freight) and densely packed items.
- Designed in conjunction with NXP (a leading RFID chip developer).
- Certified by the University of Auburn's ARC Program.
- Pre-tested with Zebra's readers and printers to ensure high-performance.
- Zebra's RFID manufacturing process follows a rigorous ISO:9001 procedure to ensure correct placement to reduce inlay encoding issues.

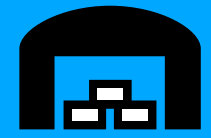


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# Zebra Warehouse Supplies at a Glance

## Cross-Docking Label



Direct Thermal IQ Color 2000D Paper Label

## IQ Color Shipping Label



Direct Thermal IQ Color 2000D Paper Label

## Packing Slip



Direct Thermal Z-Slip Label

## Warehouse Racking and Bin Identification



Thermal Transfer Z-Ultimate 3000T Gloss Polyester Label with Wax/Resin 5095 Ribbon

## Receiving



Direct Thermal Floodcoated Z-Perform 2000D Paper Label

## RFID Tracking

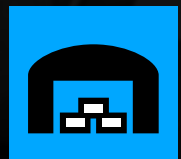


ZBR2000 RFID Inlay

## RFID Tracking



ZBR4000 Inlay





Contact us today to learn more.



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