



# Output with Greater Speed, Accuracy and Certainty

Zebra fixed industrial scanning and  
machine vision solutions



## The New Reality Has Changed the Game

If you're in manufacturing or logistics, you're under immense pressure to get more goods out the door in less time with fewer workers—all with greater transparency and accuracy.

### Industry Challenges



**Rising labor shortages**



**Stricter compliance rules**

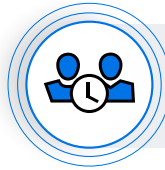


**Supply chain interruptions**



**More uncertainty**

### Consumer Expectations



**Tighter timelines**



**Greater transparency**



**Flawless goods**



**More customization**

## More is Now Expected of You

Global changes in consumer demands have led to a fundamental shift in the way business is done. Being competitive and resilient now requires:

**Faster production times**

**Increased traceability**

**Higher-quality output**

**Better use of resources**

**Let Zebra show you the way with our intelligent industrial automation solutions.**

## Keep Pace with the Demands of Today

Relieve pressures with Zebra's industrial automation solutions

Solve your most critical operational challenges with Zebra. Our fixed industrial scanning and machine vision solutions are field proven to prepare you for today's challenges and tomorrow's uncertainty.

### Output More (and Higher Quality) Goods in Less Time with Automation



#### Higher Throughput

Speed up product assembly and inbound/outbound processing



#### Elevated Quality

Inspect, detect and measure automatically



#### Greater Accuracy

Achieve lower error rates with a higher throughput of goods



#### Lower Overall Costs

Decrease waste, flaws and recalls; predict and prevent downtime

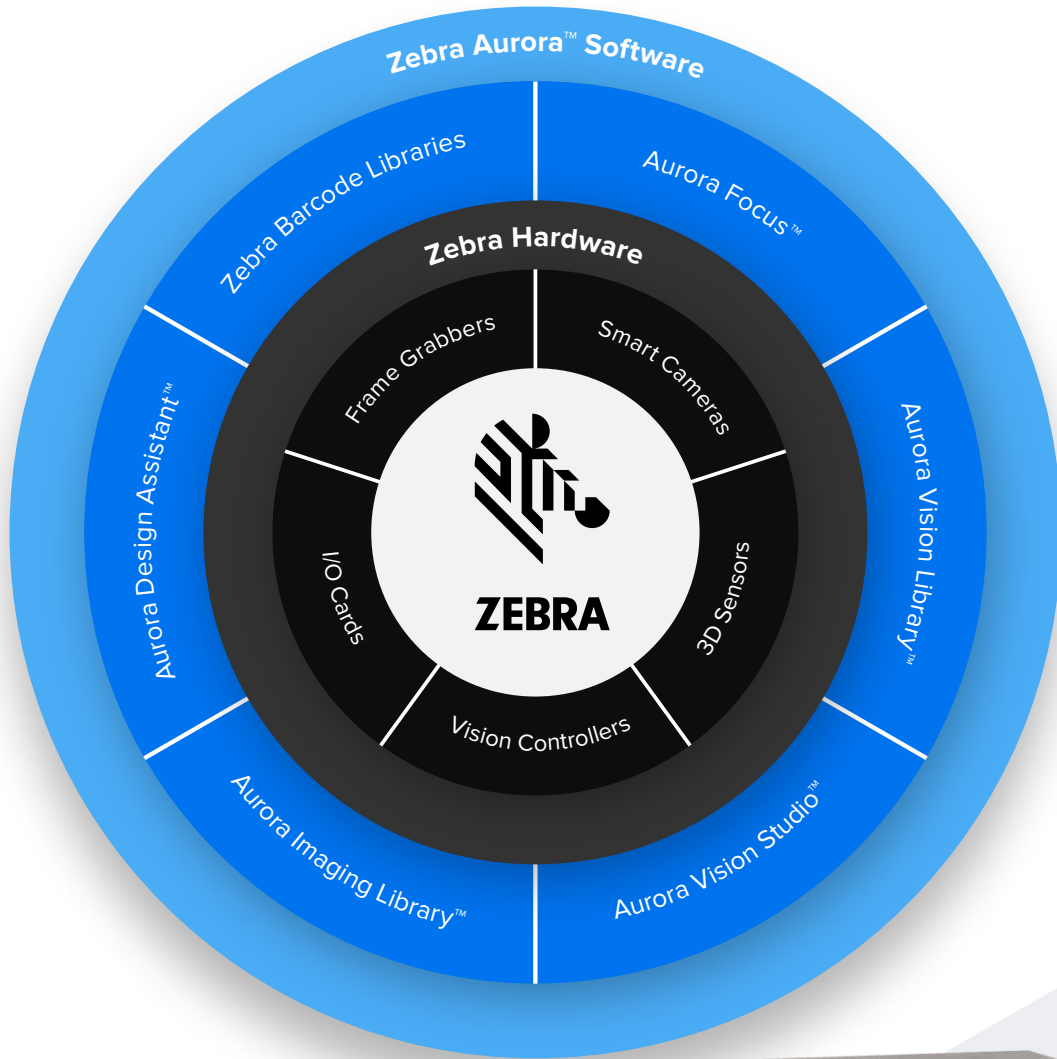
Let's make it  
happen for you.



## Do It All with One Interoperable Portfolio

From basic track-and-trace to complex inspection, recognition and guidance tasks

Tap into Zebra's robust lineup of fixed industrial scanning and machine vision products that deliver greater flexibility, choice, simplicity and value. Streamline how you qualify, procure and deploy automation products, software and components with a single source for all your needs.



# Don't Just Automate

## Simplify with Zebra

What makes our portfolio different? In one word: you. Hundreds of manufacturers and logistic customers like you have told us what they want in an industrial automation solution.

**The result: a portfolio designed to deliver greater flexibility, simplicity and value.**



### Deploy faster

with easy-to-setup hardware, ready-made tools and hardware-agnostic software



### Cut training time dramatically

with intuitive software backed by online training and support platforms for on-demand guidance



### Speed up decision making

via instant feedback on image analyses and processing operations



### Solve applications quicker

thanks to integrated tools, a flowchart-based development environment and handy utilities—all designed to shorten ramp-up time



### Customize as needed

with our leading network of OEMs, machine builders, distributors and system integrators



### Leverage an extensive library of tools

to quickly generate applications



### Interoperable, expandable licensing options

keep costs low and production in step with demand

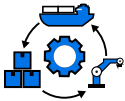


**BROCHURE**

INDUSTRIAL MACHINE VISION AND FIXED SCANNERS

## Our Business is to Advance Yours

It's what we've done for more than five decades for a wide variety of industries. No matter our customers' specialty, they share one thing in common: after working with us, they improved yields, reduced costs, increased efficiency and enhanced regulatory compliance. Ask us how you can do the same.

**Automotive manufacturing****Packaging****Electronics manufacturing****Pharmaceutical production****Flat panel display manufacturing****Photo book manufacturing****Food and beverage production****Semiconductor manufacturing****Logistics****Transportation****Medical device manufacturing****Warehouse and distribution**

## BROCHURE

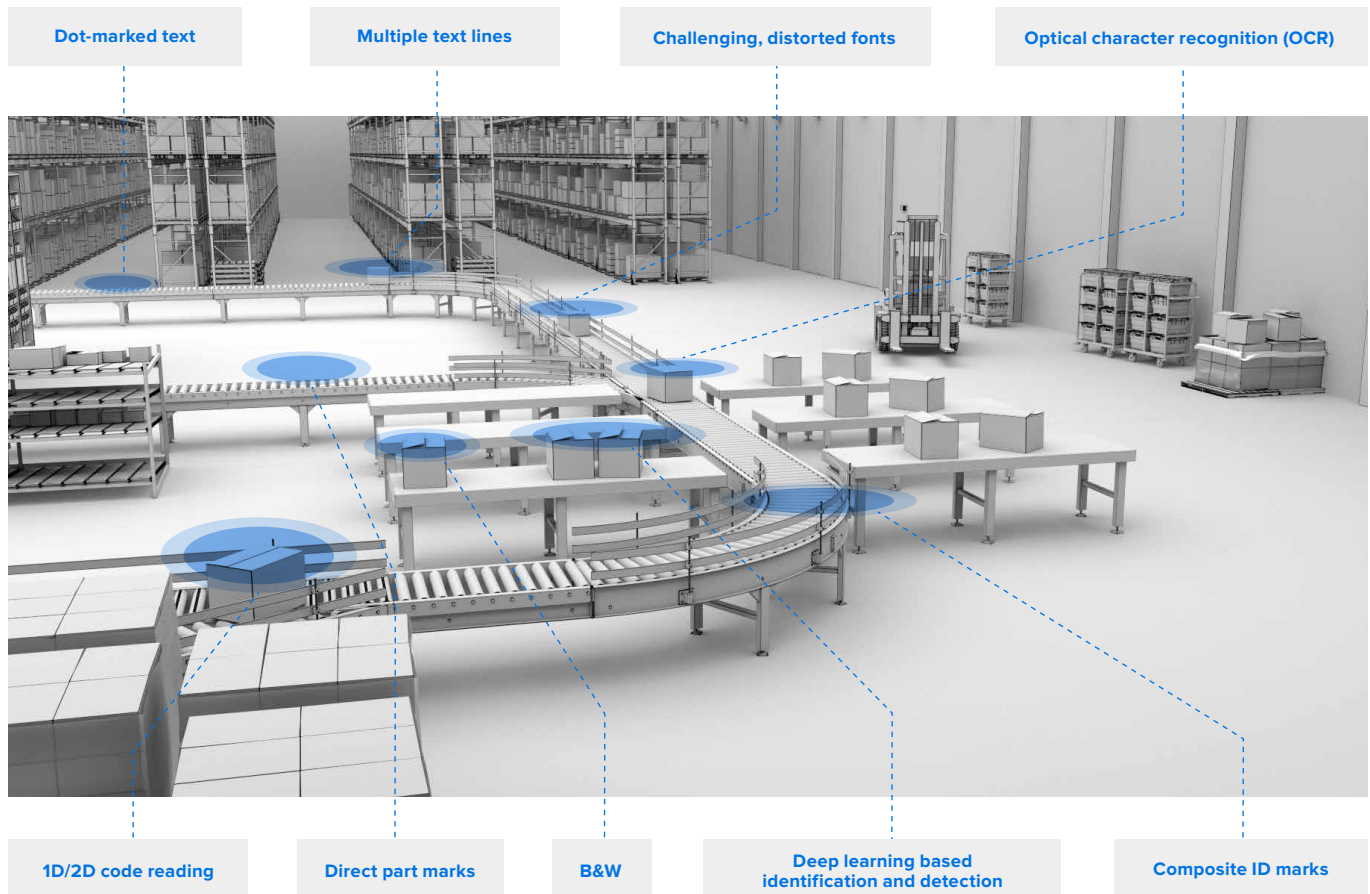
INDUSTRIAL MACHINE VISION AND FIXED SCANNERS

## Create End-to-End Traceability

Automatically track and trace from production to distribution

Automatically capture codes the first time, every time—no matter how challenging or fast moving they are. Our unmatched technology reads low-contrast text, imperfect dot-matrix characters and labels that are dirty, wet, curved or torn. You can even custom create your own library of codes with our solutions.

Here are just a few of the many ways we can help you automate data capture.



### Zebra Hardware

- Smart Cameras
- 3D Sensors
- Vision Controllers
- I/O Cards
- Frame Grabbers



### Zebra Aurora™ Software

- Aurora Focus™
- Aurora Vision Library™
- Aurora Vision Studio™
- Aurora Imaging Library™
- Aurora Design Assistant™
- Zebra Barcode Libraries

## BROCHURE

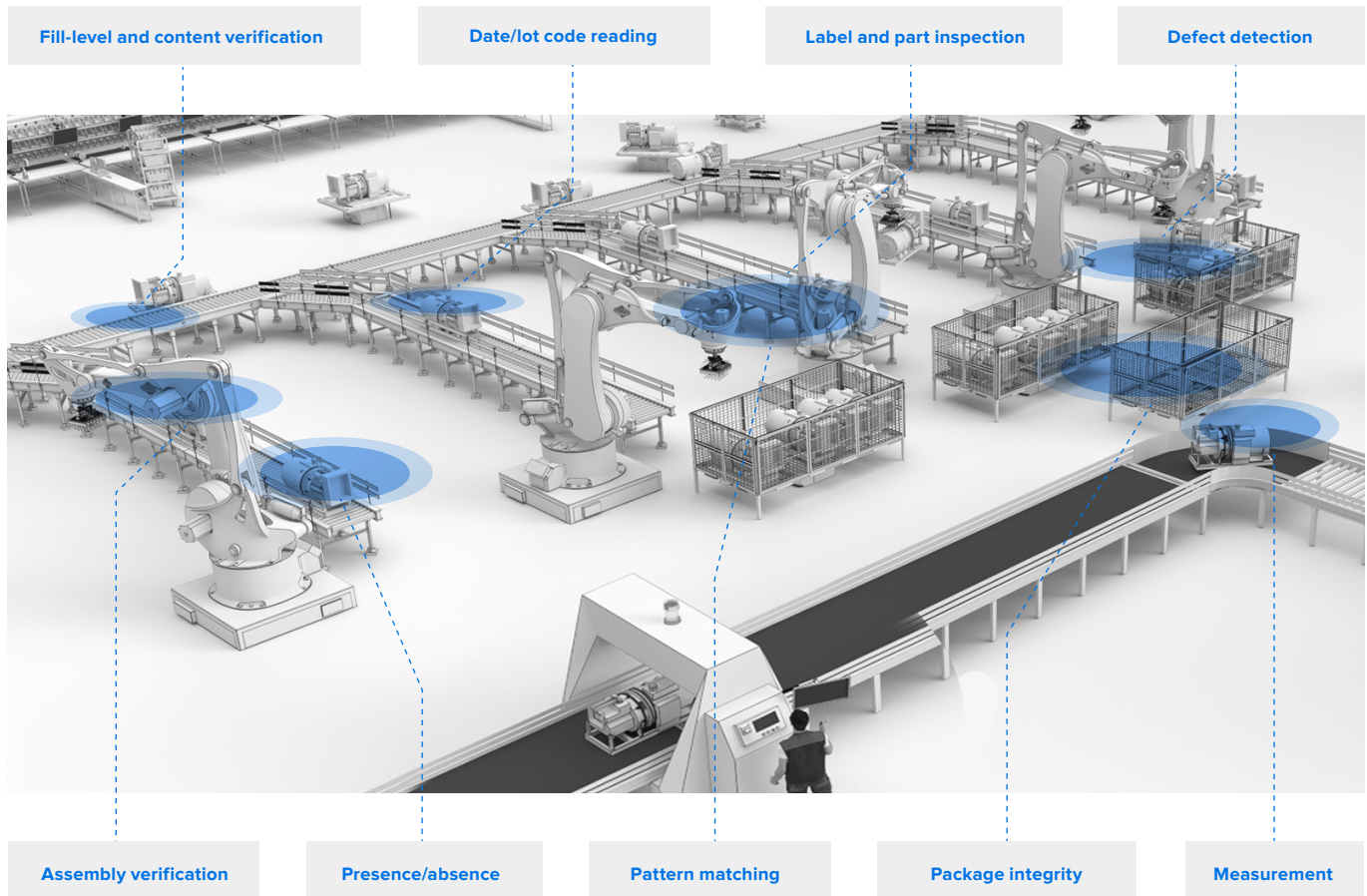
INDUSTRIAL MACHINE VISION AND FIXED SCANNERS

# Verify Quality Faster than the Human Eye

Automatically inspect, detect, analyze, classify, measure and verify

High quality can now be achieved at high velocity. With Zebra's industrial automation portfolio, you can verify quality and compliance at rapid speeds with exceptional accuracy, minimizing waste and maximizing margins.

**These applications are just the start of what we can do for you.**



## Zebra Hardware

- Smart Cameras
- 3D Sensors
- Vision Controllers
- I/O Cards
- Frame Grabbers



## Zebra Aurora™ Software

- Aurora Focus™
- Aurora Vision Library™
- Aurora Imaging Library™
- Aurora Design Assistant™



## BROCHURE

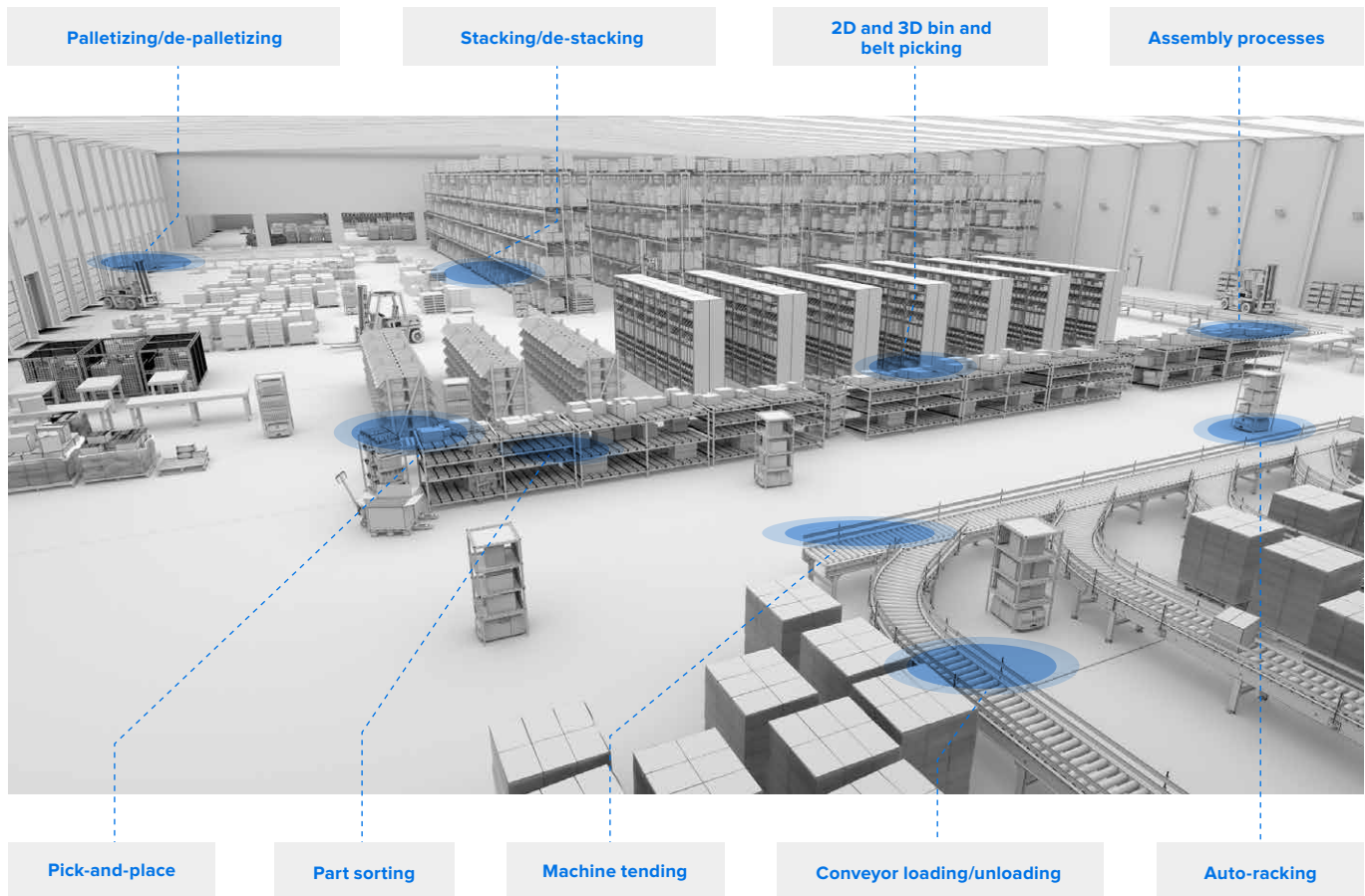
INDUSTRIAL MACHINE VISION AND FIXED SCANNERS

## Increase Cycle Times and Precision

Decrease downtime and inconsistencies with robot guidance

Trust the robot guidance solutions widely used by manufacturers around the world. Vision guided robots have the ability to alleviate lighting problems, precisely validate positions and achieve exceptional levels of trueness—all while maintaining the utmost safety for workers.

**Find out what other applications our robot guidance tools can enhance.**



### Zebra Hardware

- Smart Cameras
- 3D Sensors
- Vision Controllers
- I/O Cards
- Frame Grabbers



### Zebra Aurora™ Software

- Aurora Vision Library™
- Aurora Imaging Library™
- Aurora Design Assistant™

## BROCHURE

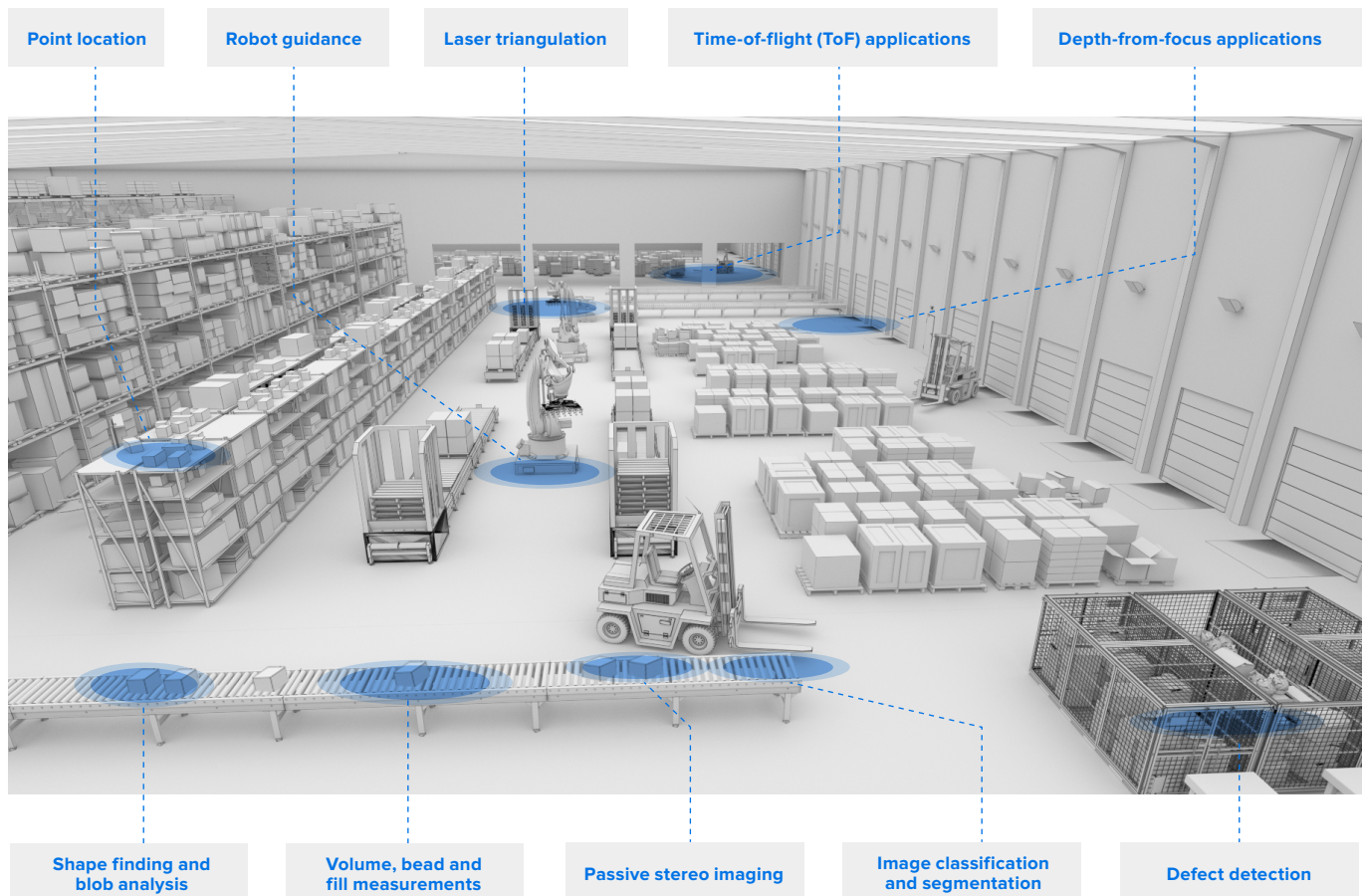
INDUSTRIAL MACHINE VISION AND FIXED SCANNERS

## Add a New Dimension of Accuracy

Elevate your inspection and detection capacities with deep learning and 3D vision

Leverage the strengths of 3D imaging and deep learning technologies for your toughest workflow challenges. Use 3D tools to identify hard-to-detect, low-contrast features that can't be detected by 2D. Measure the correct volume of objects with irregular shapes or varying surface areas, such as bread or glue beads. Determine the pose and location of objects as they move at speed. Detect otherwise unknown and unseen defects, and group complicated parts of great variety into a class.

Discover the wide array of use cases we offer beyond the list below.



### Zebra Hardware

3D Sensors

Vision Controllers

I/O Cards



### Zebra Aurora™ Software

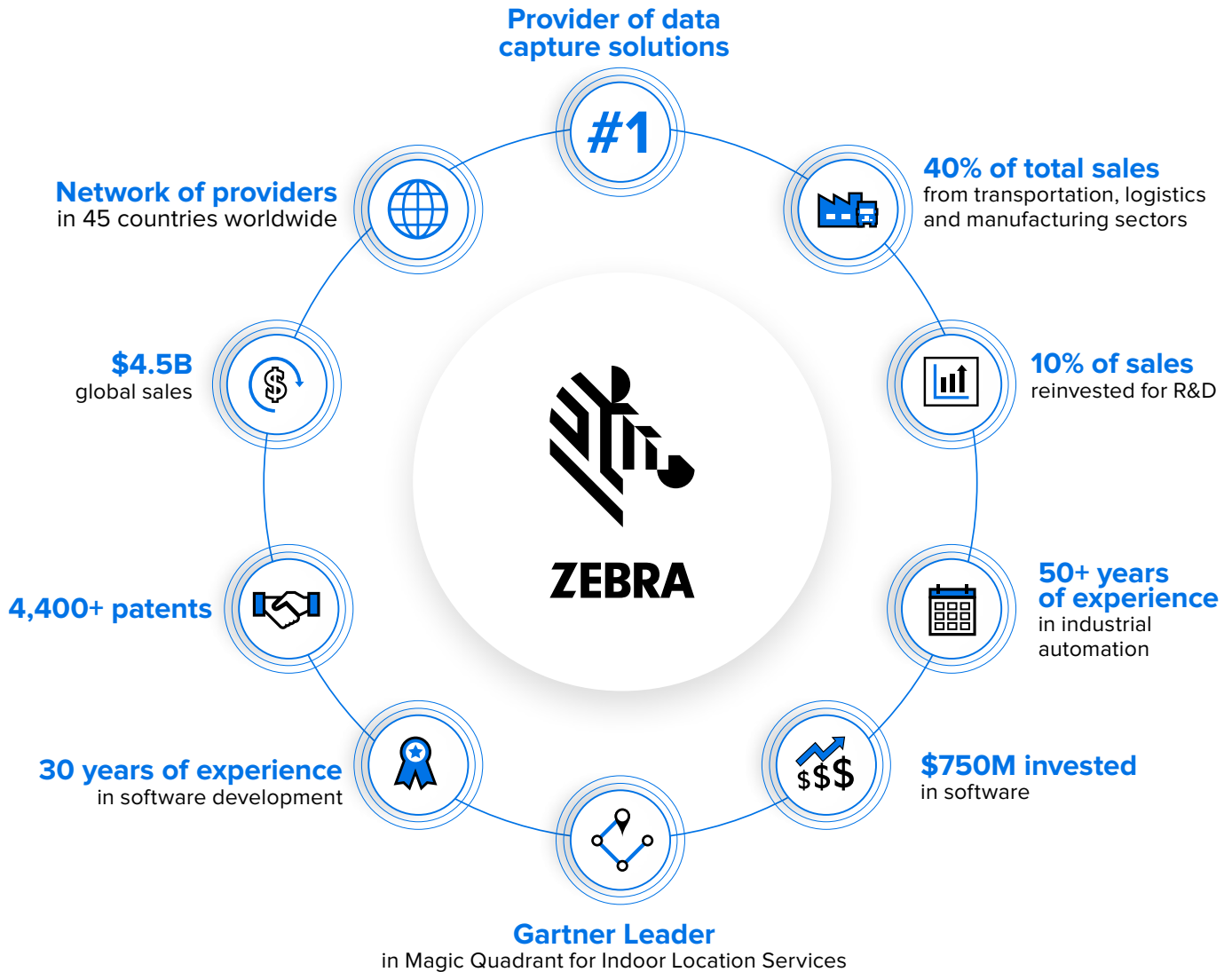
Aurora Vision Library™

Aurora Imaging Library™

Aurora Design Assistant™

## Fast-Track Your Success with Ours

Turn to the partner who gives you more. With Zebra, you have a proven automation leader who continually invests and innovates for your future needs, from deep learning to 3D vision, robot guidance and more.



## Here for You Today and Tomorrow

Get the support your customers need with Zebra OneCare™. Zebra offers unwavering support around the clock with around-the-globe maintenance and support services such as normal wear-and-tear coverage, security updates, cloud insights into open repairs and many more.

## Ready to Improve Your Margins and Metrics? So Are We.

Your customers are now measuring your performance in speed and precision, making your need for automation pressing. With Zebra's comprehensive portfolio, there's no holding you back. You'll have a single source for virtually any application and the field-proven solutions to drive quality and output to new heights. Let's partner to keep you in step with demand and ahead of what's next.

## Set your sights on new possibilities.

Contact us:



**Tensor ID**

(760) 385-3557 | (760) 607-3216 Fax  
zebra@tensorid.com  
tensorid.com/zebra

