ZEBRA CAPTURE YOUR EDGE

RFID Portfolio

More Transformation. No Complication.

Full potential. As promised.

While the promise of RAIN RFID has been enticing, it wasn't always practical. Now, the long-awaited potential of consistent and reliable RFID is here and within reach. Get robust gains without the pains.

Leverage Zebra's decades of expertise, design thinking and software development to achieve maximum RFID efficiency, while minimizing the pains of multi-vendor solutions. Unlike other players, Zebra gives you the industry's broadest, field-proven RFID portfolio for unmatched accuracy and interoperability. Connect it all and create a platform that elevates every system, device, tag and worker.

Now you're in command, but not on your own. With an ecosystem of support and partners to guide you, the way forward is clear.

RAIN RFID

Relentless Performance in Any Environment

Stop searching for inventory and assets. With Zebra RFID solutions, you will automatically know the location of business-critical items—whether you're tracking merchandise in your stores, medication in your hospitals or goods flowing in and out of your warehouses. Made for your environment, application and conditions, Zebra RFID solutions are designed to make you more effective.

Retail and Hospitality

Give customers an experience that keeps them coming back

- Item-level inventory management
- Store replenishment
- Omni-channel fulfillment
- Point of sale
- Interactive fitting rooms
- Loss prevention
- Customer experience
- Brand authentication

Transportation and Logistics

Deliver non-stop service from the first mile to the last

- Employee safety
- Fleet management
- Inventory management
- Supply chain management
- Asset tracking
- Sortation/handling/service quality
- Mobile dispatch
- Terminal operations
- Port and yard management
- Below-the-wing services
- Cold Chain

Warehouse

Manage inventory across your supply chain

- Warehouse and yard management
- Pick and put away
- EDI transactions
- RFID aided forklifts

Manufacturing

Increase productivity from the plant floor to the finished product

- Materials management
- Item-level inventory visibility
- Work-in-process (WIP)
- Vehicle and yard management
- Asset utilization/tracking and analysis
- Shipment validation
- Supply chain tracking/management
- DSD route accounting/field service
- Fulfillment/replenishment
- Tool tracking
- Theft prevention

Healthcare

Strengthen patient safety from admissions to discharge

- Equipment/asset tracking
- Item-level inventory visibility
- Supply chain management
- Patient/people monitoring
- Staff utilization
- Document/data file management
- IT asset tracking
- Specimen tracking

Handheld RFID Readers and RFID-enabled Barcode Scanners

Out of sight is now never out of reach

Track, trace and inventory assets in real time. Choose from sleek handhelds, hands-free devices, rugged form factors and RFID sleds. Below are just a few ways to easily and accurately handle RFID.

RFD40 RFID Standard Sled

Get RFID agility for the future

Work more efficiently. Optimize cycle-counting with industry-best read rates, read range and increased battery capacity. Most importantly, it connects to current and future Zebra mobile computers, so you get a future-proof device.

RFD40 RFID Premium and Premium Plus Sleds

Empower Workers with Next Generation Connectivity

The RFD40 UHF RFID Premium and Premium Plus Sleds build on the same great features of the Standard model and also offer better support for 3rd party smartphones by providing a 1D/2D barcode imager*, Bluetooth and NFC. Integrated Wi-Fi allows for over-the-air device management.

*Premium Plus only

RFD90 Ultra-Rugged UHF RFID Sleds

Relentless. Versatile. Future-Proof.

Deliver higher volumes at greater speeds with these ultra-rugged sleds built for the most demanding environments with industry-best read rates and read ranges. Connect directly or wirelessly to Zebra mobile computers and 3rd-party smartphones. Integrated Wi-Fi 6 capability allows for easy over-the-air device management.

MC3330 Integrated UHF RFID Handhelds

Built for your semi-industrial environments

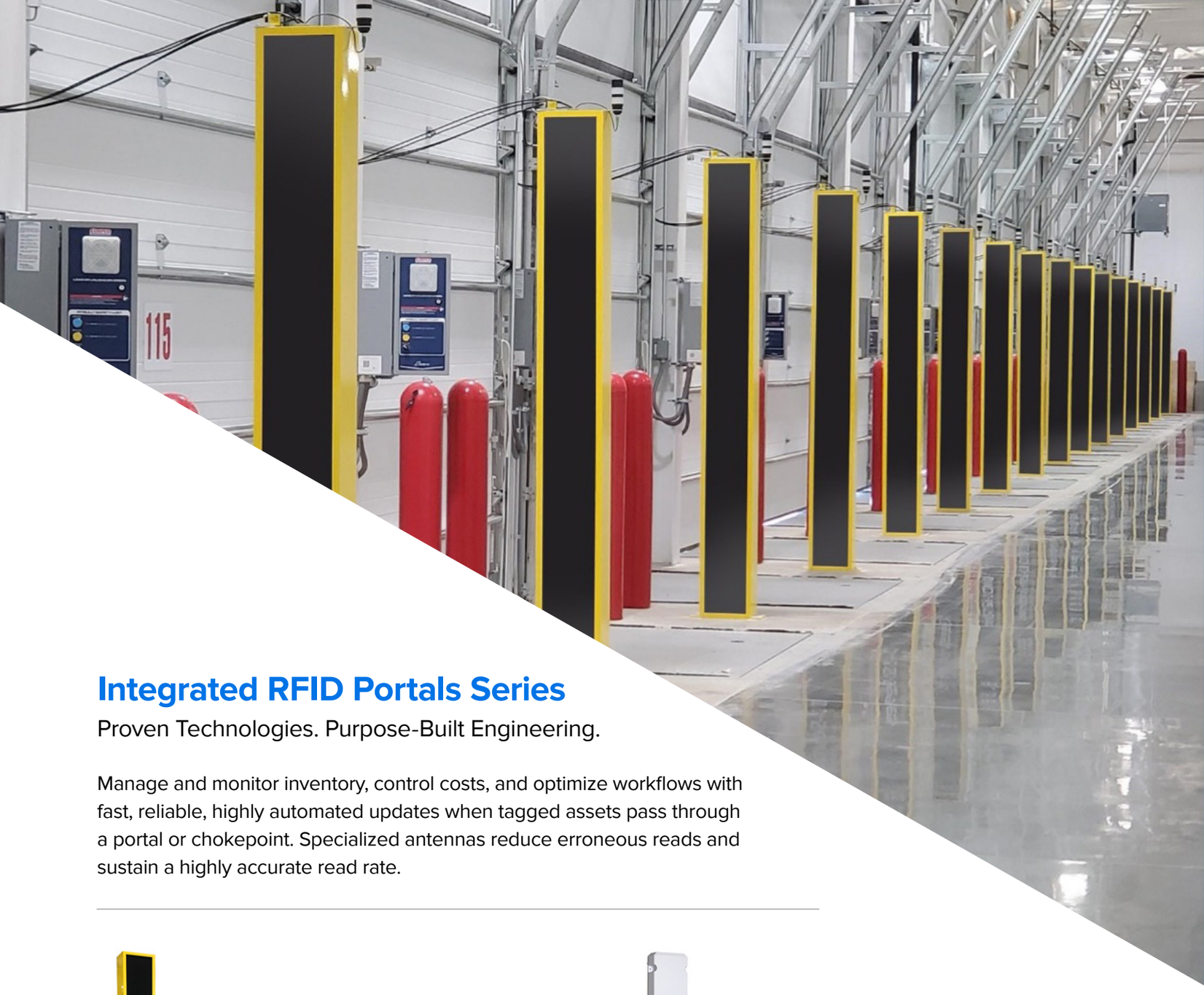
Bring a new level of comfort, speed, ease of use and accuracy to your RFID applications. Superior RFID read performance and receiver sensitivity enable fast and accurate capture of even the most challenging RFID tags. Built for maximum uptime with large touchscreen and physical keypad, yet lightweight with the right ergonomics for all-day comfort.

DS9908R RFID Scanner

Bring RFID to your POS or lab

Close the supply chain loop. Read RFID-tagged merchandise at the point of sale for up-to-the-minute inventory tracking, or RFID tags on laboratory assets and specimen samples for improved laboratory management. The DS9908R is a hybrid handheld/hands-free scanner that offers best-of-breed barcode scanning with RFID reading capabilities in a single platform.

	Handheld RFID Readers and RFID-Enabled Barcode Scanners				
	RFD40 RFID Sleds	**RFD90 RFID Sleds**	**MC3330xR RFID Reader**	**MC3390xR RFID Reader**	**DS9908R RFID/1D/2D Reader**
Manufacturing		•	•	•	•
T&L		•	•	•	
Retail	•		•		•
Healthcare	•				•
Warehouse		•	•		
Hospitality	•				•



Integrated RFID Portals Series

Proven Technologies. Purpose-Built Engineering.

Manage and monitor inventory, control costs, and optimize workflows with fast, reliable, highly automated updates when tagged assets pass through a portal or chokepoint. Specialized antennas reduce erroneous reads and sustain a highly accurate read rate.

Transition RFID Portal

Reduce Manual Scanning

Used primarily at dock doors, these integrated portals can reduce the need for human intervention and manual scanning at common chokepoints.

Wall-Mount RFID Portal

Fits Right In

These fully enclosed, plug-and-play units mount easily beside doorways and hallways near storage rooms, offices and warehouses to provide versatile RFID tracking for multiple applications.

Fixed RFID Tunnel

Improved Conveyor Throughput

Built especially for inline conveyor operations, these units automatically read tagged assets as they move along the line and through the tunnel, improving workflow accuracy.

Integrated RFID Table

Tabletop Accuracy

RFID antennas mounted underneath the table are specially configured to read items placed on the surface in any orientation.

	Integrated RFID Portal Series			
	Transition RFID Portal	**Wall-Mount RFID Portal**	**Fixed RFID Tunnel**	**Integrated RFID Table**
Manufacturing	•	•	•	•
T&L	•	•	•	•
Retail				
Healthcare	•	•	•	•
Warehouse	•	•	•	•
Hospitality	•	•	•	•

Fixed Readers, Antennas, Setup Wizard and Software

Next-level inventory visibility

Make sure the right asset is in the right place at the right time with Zebra's complete RAIN RFID portfolio—the deepest and widest in the industry.

Fixed RFID Readers and Infrastructure

Achieve maximum asset visibility across your enterprise. Get even more insight with Zebra's RFID Array Reader which provides visibility into the pinpoint location of all of your tagged assets, including if they are on the move.

ATR7000 RTLS Reader

Redefine operational efficiency with superior, affordable real-time locationing

FX9600 Fixed RFID Reader

Top-of-the-line performance for high-volume and rugged environments

FX7500 Fixed RFID Reader

The small enterprise reader, big on speed and accuracy

ST5500 Transition RFID Reader

Know what's entering and exiting your facility

	Fixed RFID Readers			
	ATR7000	FX9600	FX7500	ST5500
Manufacturing	•	•		•
T&L	•	•		
Retail		•	•	•
Healthcare		•	•	
Warehouse	•	•		
Hospitality			•	

RFID Reader Software

You don't have to be an expert to set up and optimize Zebra RAIN RFID readers. Our tools help you every step of the way—easily configure and deploy your RFID readers without complications or delays.

123RFID Desktop

Make RFID deployments as easy as 1, 2, 3

Our free, intuitive wizard presents easy-to-understand options in drop-down menus, radio buttons and sliders. Use built-in help and how-to-videos to find answers to your questions.

123RFID Mobile

Get RFID deployment mobility

Leverage 123RFID mobility for more flexible deployment and easier access to our free, intuitive wizard.

Network Connect

Seamless, secure connections to programmable logic controllers (PLCs)

Connect Zebra FX9600 Fixed RFID Readers to the most widely used Industrial Ethernet protocols and other standard networks without additional conversion hardware.

Software Development Kits (SDK)

Lower IT burden, easier RFID implementation

Zebra RFID SDKs provide a powerful set of APIs to take full advantage of handheld reader performance, functionality and versatility and offer support for Android, iOS, Windows and Xamarin.

RFID Antennas

Quickly and accurately track inventory and assets. Our robust antennas offer the high performance and range needed for high traffic and precision.

AN440 RFID Antenna

Large area coverage in any environment

AN480 RFID Antenna

Global flexibility for all enterprises

AN510 Ultra-Rugged RFID Antenna

Ultra-rugged and low profile for use indoors and outdoors

AN520 Ultra-Rugged RFID Antenna

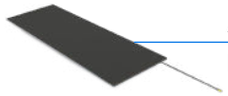
Small form factor and high performance

AN610 Slimline RFID Antenna

Sleek. Discreet. Rugged.

AN620 Slimline RFID Antenna

Slimline, ultra-low profile



AN650 Ground RFID Antenna

Rugged and ultra-low profile

AN720 RFID Antenna

Compact indoor/outdoor antenna for customer-facing environments

SN5604 RFID Reader and Antenna

Track inventory and mobile devices

SP5504 Point of Sale RFID Antenna

Track inventory in your POS lanes or will-call areas

SR5502 Transition Point RFID Antenna

Track inventory in the backroom from arrival to departure

	RFID Antennas										
	AN440	AN480	AN510	AN520	AN610	AN620	AN650	AN720	SN5604	SP5504	SR5502
Manufacturing	•	•	•	•	•	•		•	•	•	•
T&L	•	•	•					•	•		
Retail			•	•	•	•	•	•	•	•	•
Warehouse	•	•	•	•	•	•		•	•	•	•
Field Mobility	•	•	•								
Hospitality							•				
Healthcare							•				

RFID Printer Encoders

Accurate and scalable RFID encoding

Your solution depends on reliable data. Zebra offers the industry's widest range of printers that accurately encode RAIN RFID labels, tags and cards where and when you need them. Build your solution on RFID data you can trust.

	RFID Printer Encoders			
	ZT600, ZT400, ZT231 Industrial Printers, ZE500 Print Engine	**ZQ630, ZQ521 and ZQ511 Mobile Printers**	**ZXP Series 7, ZC300 Series Card Printers**	**ZD621R Desktop Printers**
Manufacturing	•	•		
T&L	•	•		•
Retail	•	•	•	•
Healthcare		•	•	•
Warehouse	•	•		•
Hospitality			•	

ZT600, ZT400, ZT231 Industrial Printers and ZE500 Print Engine

Intelligent and industrial brawn

These printers and innovative OEM print engine keep your operations running 24/7 in the harshest environments and the most demanding RFID applications.

ZQ630, ZQ511 and ZQ521 RFID Mobile Printers

Portable, convenient and efficient

Our premium mobile printers can print at the point of application, making them a convenient and efficient solution. They are friendly to workers and easy for IT to integrate and manage.

ZXP Series 7 and ZC300 Series Card Printers

Capabilities with credentials

Whether you need high performance or a compact size with groundbreaking simplicity, Zebra UHF card printers deliver.

ZD621R Desktop Printer

Bring RFID printing to your desktop

Premium features, maximum performance and unmatched security in an easy-to-use compact printer.

Certified Supplies

The perfect match for your RFID printer

Using inlays from leading manufacturers, as well as our own Zebra-branded inlays, Zebra offers 50+ labels in stock. We can also create a custom solution for you–with just about any thermal material and inlay to meet the requirements of your unique application. Designed and tested with Zebra printers and RAIN RFID readers, our Certified Supplies ensure high performance.

General purpose

- Paper and synthetic labels, designed for use with standard applications
- Best for non-metallic surfaces, plastics or corrugate
- ZBR2000 Zebra-branded inlay for longer read ranges and faster tag acquisition

Advanced

- Paper and synthetic labels that offer a higher level of readability performance than our general purpose labels
- ZBR4000 and ZBR4001 Zebra-branded advanced UHF RFID inlays offer a higher level of performance than general purpose inlays

Specialty

- Unique solutions and designs created to maximize read range for metal and challenging surfaces

RFID Cards

- One of the world's first passive RFID cards to provide a read range of up to 50 feet
- 128 bits of EPC memory; 512 bits of user memory; 96 bits of read-only TID memory

Print Confident. Print Secure. Print Zebra.

One of the largest offerings of in-stock and ready-to-ship RAIN RFID labels

Outstanding Performance

The latest chip technology and proprietary inlays provide enhanced performance.

Reliable Consistency

The use of consistent materials from order to order results in high-quality and reliable print and adhesive performance every time.

RFID Solution Expertise

As the developer of RFID readers and printers, Zebra can recommend the labeling solution that optimizes the performance of each RFID solution.

Testing Capabilities

With our Voyantic test equipment, we can identify the optimal inlay for the surface being labeled to ensure maximum read ranges.

In-House Manufacturing Capabilities

Zebra's state-of-the-art presses and RFID manufacturing equipment enable us to meet your RFID supplies needs quickly.

The Right Solution for Your Use Case

With over 300 certified combinations of direct thermal and thermal transfer materials and access to inlays from the leading providers, we can deliver the optimal solution for the surface to maximize read performance.

RFID Printing and Encoding Service

Get as few as 1,000 serialized pre-printed and encoded RFID labels to your specifications to support pilots and compliance needs without having to invest in an RFID printing solution.

Z-Band Direct Thermal RFID Wristbands

- Z-Band Direct RFID SR in our classic shape is optimal for use when in close proximity to the reader
- Z-Band UltraSoft RFID LR features one of the softest materials on the market. The flag design and special inlay enables longer read ranges.

Zebra-Branded Inlays

Pre-tested with Zebra readers and printers for industry-leading performance

General Purpose

Offers market-leading performance within most standard applications utilizing a 4-inch wide label.

ZBR2000 General Purpose Inlay

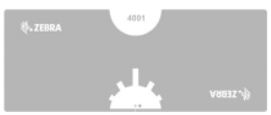
- Ultra-high sensitivity: read range up to 17m in free space

Advanced

These advanced inlays for use on 4-inch wide labels offer a higher level of read performance than our general purpose inlay for use where longer ranges are required. Provides efficient performance when placed on or near challenging materials, with omni-directional readability from almost any angle.

ZBR4000 Advanced Inlay

- Ultra-high sensitivity: read range up to 20m in free space



ZBR4001 Advanced High-Memory Inlay

- Ultra-high sensitivity: read range up to 12m in free space
- Memory: EPC memory: 448-bit; User memory: 1000-bit

RFID Printing and Encoding Service

Maximize your RFID solution with Zebra quality

Zebra's RFID Printing and Encoding Service provides serialized pre-printed and encoded RFID supplies to your specifications to support pilots and compliance needs.

ZipShip

ZipShip in-stock offering of RFID labels available in the most common sizes and label materials, or we can create a custom solution

Standard Label Formats

Standard label formats to support common asset tag needs, or provide us exactly what you want printed and encoded on the label

Location Technologies Hardware and Software

A digital view of your physical operations

Zebra offers a full portfolio of best-in-class hardware options for capturing location data, to satisfy a large variety of requirements for range, accuracy and precision. Combined with the power of Zebra MotionWorks® Enterprise platform, which translates this location data into meaningful insights, Zebra delivers the location expertise you need to maximize the benefits of real-time tracking in your organization.

Ultra Wideband Solutions

Zebra delivers real-time visibility with Ultra-Wideband (UWB) solutions—a real-time location system (RTLS) that allows for a myriad of asset management applications. Accurately track personnel and equipment indoors and out. The UWB system provides the lowest cost-of-ownership in the industry by improving installation ease, visibility, scalability, performance, asset tracking and tag management.

WhereNet

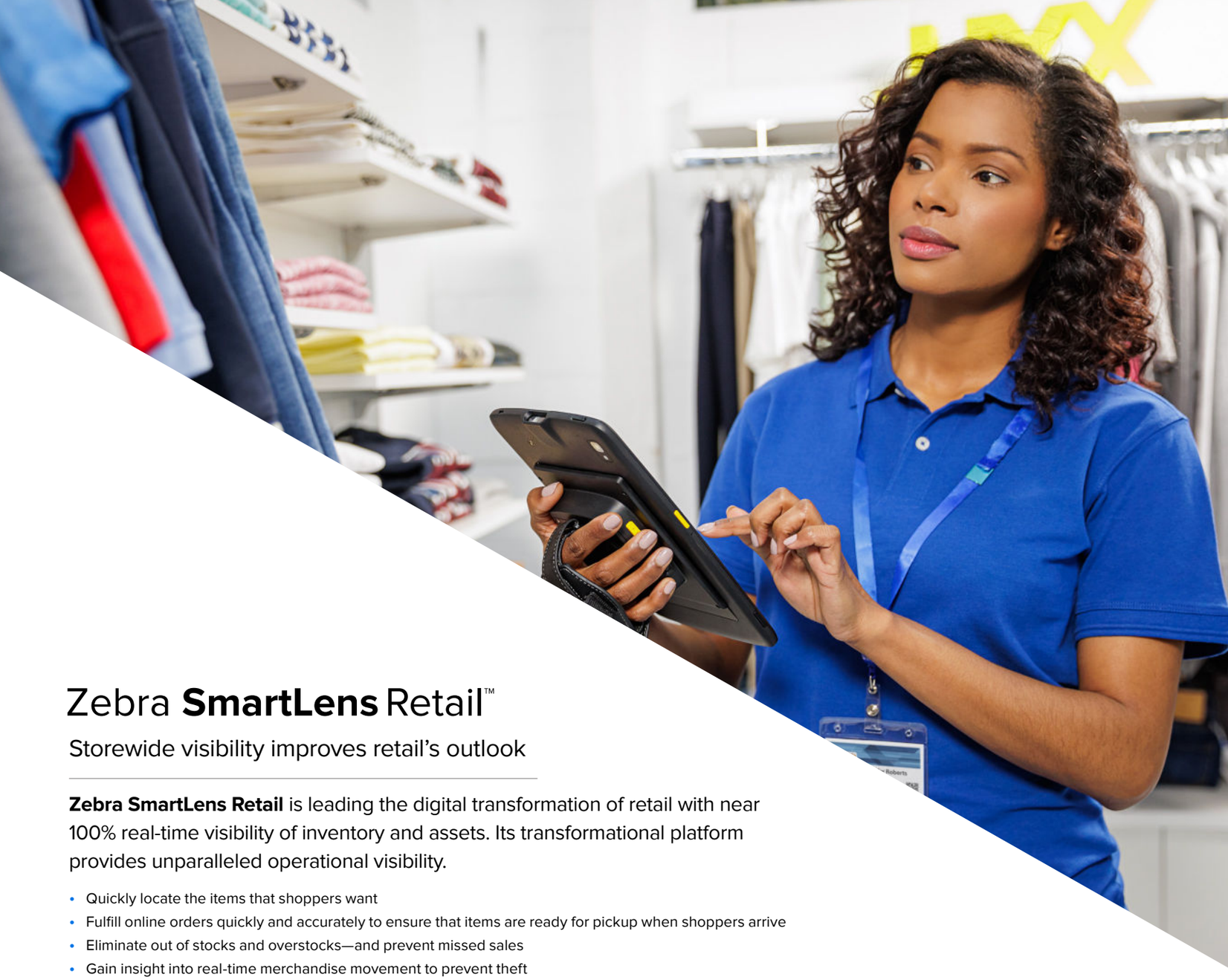
The WhereNet RTLS provides the longest range RTLS capabilities and performance in all environments, including complex and hazardous ones. WhereNet's long tag-to-sensor range allows you to have real-time visibility and status information on your assets with a cost-effective RTLS network infrastructure.

Bluetooth® Low Energy Devices

Our family of Bluetooth Beacons and Bridges are quickly and easily deployed, available in multiple form factors and price points, and can be used for asset tracking and other location solutions.

Zebra **MotionWorks Enterprise**™

Zebra MotionWorks Enterprise is a comprehensive software suite designed to help IT and operations managers deploy, configure and manage a population of sensors and readers, gather data from them, and obtain meaningful information from that data.



Zebra **SmartLens** Retail™

Storewide visibility improves retail's outlook

Zebra SmartLens Retail is leading the digital transformation of retail with near 100% real-time visibility of inventory and assets. Its transformational platform provides unparalleled operational visibility.

- Quickly locate the items that shoppers want
- Fulfill online orders quickly and accurately to ensure that items are ready for pickup when shoppers arrive
- Eliminate out of stocks and overstocks—and prevent missed sales
- Gain insight into real-time merchandise movement to prevent theft

Sense and record the location of everything in your store

One element remains the linchpin to improving every aspect of your business: instant and complete operational visibility.

Gain More Sales Opportunities

- Transform in-store processes with automated insights for inventory and replenishment
- Increase sales by maximizing merchandise availability
- Reduce labor costs by automating in-store processes

Reduce Shrink and Theft

- Alerts are generated when unpaid items approach the exit doors
- Items are never misplaced when you have acute visibility
- Reduce overall shrink of merchandise and assets

Accelerate Fulfillment

- Easily accommodate orders for same-day, in-store pickup
- Accurately display in-store inventory on your website
- Speed up shipping of online orders

Increase Operational Savings

- Forgo the cost of cycle counts; SmartLens does it for you
- Reduce the space and carrying costs of overstocking
- Automation allows you to get the most out of workers so they focus on customer service

Zebra Global Services

Maximize uptime and ROI

Constant, peak performance and device uptime. That's the upside of protecting your Zebra investment with our maintenance services. Eliminate unexpected disruptions, unbudgeted repair expenses and so much more. Whether you need comprehensive coverage, advanced device replacement, on-site support, assistance with technical issues and device firmware support, or visibility into your contracts, repair data or tech support cases, there's a Zebra service that's right for you.* And you can optimize and customize your plan to fit your specific business-critical needs with additional flexible service enhancements that provide expedited repair and shipping, battery maintenance, device commissioning and configuration, managed services and more. Zebra's portfolio of services provides expertise every step of the way.

Zebra **OneCare**™ Maintenance Plans

Zebra plans protect the investment in the devices that run your business by maximizing predictable performance and uptime to support your critical operations and improve business outcomes.

Zebra **Signature Services**

Zebra Signature Services makes it easier to integrate new technologies into your existing IT environments and workflows. Data insights from edge technologies can open up new business opportunities, but without the right skills or resources, you could miss out on the full benefits. Zebra Signature Services gives you the expertise to optimize the adoption of edge-data solutions to run your business more productively.

Learning Services quickly brings employees up to speed with a variety of modalities like Video on Device, Know It Now, instructor-led training and virtual-led training sessions that support rapid return on your technology investments.

Software Integration creates a migration pathway for legacy mobile apps to help you quickly and cost-effectively customize mobile applications into your Zebra mobile devices, making it easier for you to manage your software.

Zebra **VisibilityIQ** Foresight™

Provides device health and utilization insights. The insights provide historical data trending, current state health and actionable predictive intelligence on what will occur if no action is taken. Its multi-source data aggregation and machine learning algorithms deliver a consolidated solution that provides color-coded insights with threshold alerts about your device inventory.

Zebra **VisibilityIQ**™ OneCare™

Included in all Zebra OneCare maintenance plans for Zebra mobile computers and scanners. Cloud-based visibility into reports and analytics related to device repair and case trends, contract renewals, LifeGuard™ security status and more.**

* Service availability, Service feature and/or repair turnaround time may differ by country. Please contact your Zebra sales representative for details.

** VisibilityIQ OneCare available for mobile computers and scanners only

Note: Information is subject to change and product availability may vary by region.

Gain edge-to-edge visibility with wall-to-wall choices, visit **www.zebra.com/RFID**

ZEBRA

NA and Corporate Headquarters
+1 800 423 0442
inquiry4@zebra.com

Asia-Pacific Headquarters
+65 6858 0722
contact.apac@zebra.com

EMEA Headquarters
zebra.com/locations
contact.emea@zebra.com

Latin America Headquarters
zebra.com/locations
la.contactme@zebra.com

ZEBRA and the stylized Zebra head are trademarks of Zebra Technologies Corp., registered in many jurisdictions worldwide. Wi-Fi™ is a trademark of Wi-Fi Alliance®. All other trademarks are the property of their respective owners. ©2022 Zebra Technologies Corp. and/or its affiliates. 06/29/2022.