



Zebra MotionWorks®

Amazing visibility for actionable insights

Managing critical assets, goods and people in your operations is exactly that: critical. If you don't have accurate visibility into their location, condition and performance, operations can break down on a large scale. Resources can be misused. Efficiency and productivity stalled. Competitive advantages squandered. But now you have access to real-world location solutions providing the visibility necessary for actionable insights to better accelerate your business: Zebra MotionWorks®.

Zebra MotionWorks tracks all the important resources in your enterprise and—more importantly—provides you with actionable insights delivered from quantifiable, real-time data. By automating tracking with Zebra MotionWorks, and pinpointing asset location, status and motion, you can increase control, minimize downtime and maximize performance. By having visibility to goods, you can streamline workflows, ensure replenishment and expedite shipping. And by monitoring your workforce, you can better ensure safety, increase connectivity and enhance compliance processes.

Transform your business with insights generated from Zebra MotionWorks location solutions.

How Does Zebra MotionWorks Deliver Actionable Insights?

Zebra MotionWorks gives businesses the ability to automate data collection to attain actionable insights from the location, state and sense data of tagged enterprise resources. It delivers the data needed to solve complex business problems and build a competitive advantage. How does it do all this?

By using hardware to capture data (including Zebra's many sensing, tagging, and mobility technologies, as well as popular third-party technologies), Zebra MotionWorks deploys some of the world's largest and most successful automated resource tracking and management solutions—across industries, and for some the world's largest companies.

Zebra's location data collection and support platform, MotionWorks Enterprise, collects or derives the data, location path, dwell, temperature and more. The application layer then integrates or interfaces with multiple customer, third party or enterprise applications through open standard protocols and APIs. MotionWorks Enterprise also connects to Zebra Savanna™, Zebra's data intelligence platform, where data can be aggregated, stored and accessed through web data services. Zebra Savanna provides advanced cloud-based analytics using combinations of both location and other data sources that can be used to augment any application.

Zebra MotionWorks delivers a UI and console experience for more than simple data collection and calculation by providing reports, events, alerts and actions at the enterprise resource level, along with the ability to manage the system. And moreover, it offers true enterprise scalability—scalable to hundreds or thousands of sites, thousands of users and hundreds of thousands of tracked resources.

Why Zebra MotionWorks® For Location Solutions?

With nearly 20 years of innovation in connected edge technologies, Zebra is without question the location solutions expert. From automatically knowing the location of your inventory, helping to ensure the safety of your people, or streamlining your production processes, Zebra delivers proven location-based solutions for businesses looking for both intelligence and insights. Zebra Technologies has been recognized as a leader in Gartner, Inc.'s 2020 Magic Quadrant for Indoor Location Services, Global.* Zebra is the go-to brand for a number of Fortune 500 companies across manufacturing, transportation, healthcare, retail and more.

*Gartner, Inc., "Magic Quadrant Indoor Location Services, Global," Tim Zimmerman, Annette Zimmermann, 13 January 2020. Gartner does not endorse any vendor, product or service depicted in its research publications, and does not advise technology users to select only those vendors with the highest ratings or other designation. Gartner research publications consist of the opinions of Gartner's research organization and should not be construed as statements of fact. Gartner disclaims all warranties, expressed or implied, with respect to this research, including any warranties of merchantability or fitness for a particular purpose.

At-a-Glance: Zebra MotionWorks – Technology and Services

Location Sensor Technologies	
Zebra Ultra-Wideband (UWB) Active RFID	Zebra delivers real-time visibility with Ultra Wideband Solutions (UWB) – a real-time locating system (RTLS) tracking system 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.
Zebra WhereNet (ISO) Active RFID	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.
Zebra Bluetooth® Low Energy Beacons	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 Passive RFID	With the industry's broadest RFID portfolio, including market-leading mobile and fixed and array readers, antennas, inlays, and tags, Zebra offers superior performance and data accuracy. Without introducing complexity into the process, Zebra's active and passive RFID delivers more accurate and real-time data – and the expertise you need to improve operations and ultimately achieve greater efficiency.
Enterprise Software	
Zebra MotionWorks® Enterprise Platform	Integrated software package for on-premise deployment with a console that provides reports, maps, alerts, and dashboards at the enterprise resource level. Using proven algorithms and rules engines it derives actionable information and business context from the location data being gathered, and provides a common set of outputs to share with applications that need this data.
Services	
Zebra Signature Services	Success in any intelligent edge solution requires a knowledgeable set of professional services to truly be successful. Zebra MotionWorks is no exception. Zebra provides a set of location solution specific professional services capabilities as part of its Signature Services portfolio. With these, you can be confident that the unique services necessary for the successful business outcome of your location-based solution are available when you need them.

At-a-Glance: Zebra MotionWorks® – End-to-End Solutions

Solutions		
	Overview	Business Impact
Zebra MotionWorks Asset	Your ability to automatically manage accurate asset inventory status minimizes wasted time and labor finding critical equipment, ensures efficient asset utilization, and eliminates costly manual processes.	With accurate asset management you know where assets are in real time. Asset location information can be leveraged to reduce lost equipment, better deliver services, more efficiently run a production line. All of these increase your business' operational efficiency.
Zebra MotionWorks Yard	Customers expect their delivery to arrive on time through a nimble, responsive, accurate and transparent supply chain. The need to maximize dock and yard throughput is more critical than ever. Access to real-time data about yard resources enables smarter planning.	Accurate and real-time data about yard resources, combined with flexible business rules, facilitates the continuous flow of material and goods between your transportation systems and distribution centers or manufacturing plants, increases gate transaction speed, and improves switcher productivity and yard throughput. Optimize your yard and ensure the right trailer arrives at the right door at the right time.
Zebra MotionWorks Material	Operations are struggling to keep pace with the competition, increasing demand and new production requirements. The need to maximize manufacturing productivity and minimize downtime is more critical than ever before.	Ensure the right assets needed for assembly are where they need to be on the line with a comprehensive enterprise execution management solution that works with ERP systems to automate and streamline the lean parts replenishment process. Real-time visibility to the plant floor lets you improve response times, provides historical data tracking, lets you centrally manage and control supplier collaboration, and reduces inventory holding costs by enabling line-side operators to trigger material requests from their workstation.
Zebra MotionWorks Warehouse	Warehouses are busier than ever trying keep up with exponential demands, rising logistics costs, labor challenges, and sky-high customer expectations. But manual tracking systems have been responsible for significant confusion in warehouses and slowing of workflows. When tracking assets is critical for businesses, lacking up-to-date location systems leads to delays, misallocated resources and loss of business.	Zebra MotionWorks Warehouse is a system of reality. Engineered to track large volumes of both stationary or in motion assets, it delivers a complete picture of your operations in near real-time, integrating into your current business systems. The ROI of visibility allows you to streamline workflows and take worker productivity and order processing to the next level. It enables automated transactions, which take human error out of the equation, preventing loss of goods and costly mis-shipsments. With advanced analytics, MotionWorks Warehouse provides insights into productivity, efficiency and security that would otherwise be overlooked. The labor and operational demands on warehouses are greater than ever, and with MotionWorks Warehouse, you can exceed them.

For more information, visit www.zebra.com/MotionWorks
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