ZEBRA

EYE ON WAREHOUSE
MAKE THE MOST OF GARTNER'S TECH TRENDS: WAREHOUSING

Advancements in tracking technology and automation are providing warehouses with an unprecedented number of opportunities to improve visibility, boost productivity and cut costs. Take a look at some of the current trends and get Zebra's viewpoint on how warehouses can leverage technology to gain a competitive advantage through increased real-time insight.

ISSUE
DELAYS DUE TO LACK OF CONNECTIVITY

Workers lack the connectivity to get real-time data on the spot. They must travel to and from multiple devices in multiple locations in order to get and share the information they need throughout the warehouse. This can cause delays that cut down on efficiency and worker productivity.

GARTNER'S TREND
DEVICE MESH

WHAT IS IT?
The device mesh brings together traditional desktop-centered computing, mobile computing, the IoT and cloud computing in a common, connected framework of endpoints and supporting services.

▶ ZEBRA'S POINT OF VIEW

Increased connectivity and mobility will continue to play an important role in the future of visionary warehouse visibility. When workers take action, the resulting data needs to be immediately accessible through the cloud, so that all goods are accurately and efficiently tracked and handled throughout the global supply chain.

USE-CASE SCENARIO

Workers have access to real-time inventory and location information, so they can pick multiple orders during the same trip around the warehouse rather than having to make multiple trips. This increases fulfillment speed and overall efficiency.

ISSUE:
FRICTION IN THE WORKFLOW

While wearables are currently used across the industry, many require employees to pause and query their devices for instructions, causing a break in motion that impedes productivity.

GARTNER'S TREND
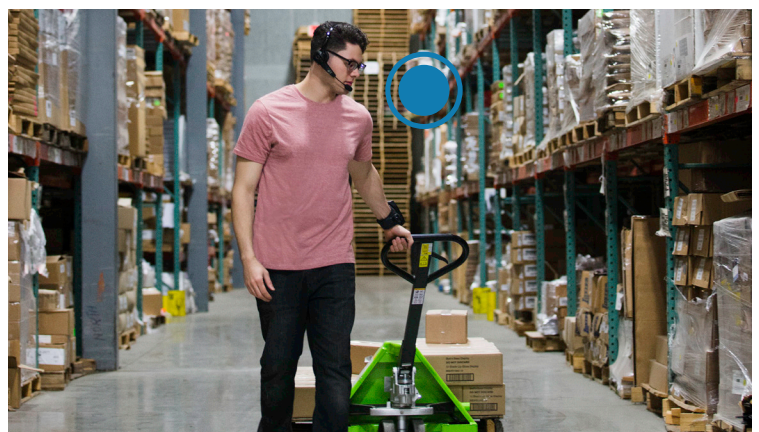## AMBIENT USER EXPERIENCE

WHAT IS IT?
Ambient UX deals with the new demands of delivering a simple, fluid and rich experience over time to people across the full range of nearby digital mesh endpoints.

▶ ZEBRA'S POINT OF VIEW

We will begin to see more optimized wearable devices. Workers will no longer need to look down to read instructions or verify data. Instead, smart devices will be completely hands-free, allowing users to experience an efficient, highly visible, eyes-up workflow that enables productivity.

USE-CASE SCENARIO

A warehouse worker needs to gather several small items to fulfill a customer's order. Rather than pausing to check a device display, the worker uses a wearable Head-Up Display (HUD) device to scan pallets simply by looking at them. The worker is automatically directed to the next piece of merchandise, ultimately increasing order fill rates per shift.

INVENTORY BLIND SPOTS

Suppliers need to manage their inventory effectively to meet fluctuating orders from customers. Without the right visibility and tracking, they can find themselves either without enough inventory to fulfill demands, or a costly excess of inventory.

GARTNER'S TREND

INFORMATION OF EVERYTHING

WHAT IS IT?

Massive amounts of data from traditional systems, cloud sources and the IoT create an information overload that must be addressed by more advanced analytics integrated into the fabric of applications, business processes and routine user activities.

▶ ZEBRA'S POINT OF VIEW

Raw material replenishment is ripe for improvement. With the IoT and Information of Everything, manufacturers can streamline processes and gain better visibility and control of raw material replenishment by mobilizing the workforce with access to real-time information.
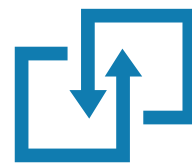
USE-CASE SCENARIO

A clothing manufacturer needs a certain amount of cotton to produce T-shirts. Demand for the raw material fluctuates, making it difficult to manage inventory. Using sensors and RFID tracking, the plant manager sees the current inventory as well as upcoming T-shirt orders, and can determine exactly how much raw material will be needed and how soon.

▶ SOLUTIONS FOR TODAY AND TOMORROW

Start implementing tomorrow's tech trends today. With specialized technology from Zebra, you can accelerate productivity, profitability and operations. Discover the added benefits of Zebra's industry-leading warehouse solutions at www.zebra.com/warehouse.

FLAWLESS FULFILLMENT THAT TURNS INVENTORY INTO REVENUE

Zebra's technology solutions capture, verify and mobilize the data you need to more accurately fill customer orders. See what you have and where it needs to go in real time, and build the efficiencies that turn stock into revenue—quickly and flawlessly.

ENSURE GOODS AND MATERIALS ARE AVAILABLE WHEN THEY'RE NEEDED

Zebra inventory management solutions provide real-time visibility of assets, stock and inventory by quickly and accurately capturing data using mobile computers, advanced barcode scanners and RFID readers.

PROACTIVELY RESPOND TO CUSTOMER DEMAND

Keep up with and proactively respond to customer demand, inventory turnover and regulatory requirements with warehouse management solutions designed for warehouse operations and highly specialized supply chains.