

MULTI-MODAL WAREHOUSE SOLUTIONS

7 Tips for Outfitting a Mobile Workforce

By 2020, **51% of warehouse professionals** surveyed said they are planning to implement multi-modal voice-picking apps that give workers more ways to collect and process data, such as barcode scanning and viewing data on the screen.¹

WHY? INCREASED PRODUCTIVITY

Multi-modal solutions integrate speech directed and mobile computing applications to simplify workflow processes, increase task completion speed and improve accuracy through additional input modes available on most wearable systems.

- Convenient for workers picking multiple orders at once
- Allows workers to pick more orders in a single day
- Enables greater picking accuracy with voice and on-screen prompts

How Multi-Modal Workers Spend Their Time² (vs. their voice-only counterparts)

14%

less total walking time to
complete an order than
voice-only workers

18.1%

less time picking all
items in an order

15.4%

less time overall
fulfilling an order

THE RIGHT DEVICE MAKES ALL THE DIFFERENCE

When evaluating solutions, keep these 7 things in mind:

- 1 Satisfy worker preferences (i.e., a ring scanner that can accommodate the user's dominant hand)
- 2 Ergonomics play a key role in satisfying user demands and keeping workers safe, so be sure to keep worker comfort in mind
- 3 If voice direction will be used, look for noise-canceling headsets for hectic work areas
- 4 Choose devices that are designed for rugged environments
- 5 Consider cordless headsets for maximum mobility
- 6 Stay organized with an all-in-one cradle system and common/swappable batteries
- 7 Significantly lower training time by leveraging Android's modern, user-friendly OS

About The SMS Group:

The SMS Group is recognized as a leader in data collection integration, solving customer issues by applying a combination of network, custom programming, and scanning solutions that can be deployed on mobile as well as traditional devices.

Depending on your needs, our solutions can integrate diverse data technologies, collection, distribution and processing to create efficiencies that will generate accurate, reliable, real-time information. Benefits include more transparent processes, an improved bottom line, a leaner, more cost-effective production system, increased on-time delivery, and better customer service.

Contact us: www.TheSMSGroup.com or 937-498-2700



Sources:

¹ Zebra 2020 Warehouse Vision Study

² Zebra Whitepaper: A Benefits Analysis: The Advantages of Multi-Modal Speech-Directed Solutions