



# Optimize Terminal and Hub Operations with the Hands-Free WT4000 Series Wearable System



## Protecting profitability and growing customer demands

In the highly competitive package handling and parcel post industry, fast and accurate delivery is key. In order to maintain and improve profit margins, companies struggle to balance growing customer demands, labor costs and accuracy in the shipping function — ensuring that the right package is on the right truck. Shipping delays, under-utilization of cargo area in your trucks, and cargo waiting idly on the dock can all erode already small margins, and can make the difference between success and survival.

The right technology can improve efficiency — from speeding up package handling to eliminating paper forms, optimizing delivery efficiency and improving accuracy — delivering a competitive edge that enables you to differentiate your service offerings, better meet customer needs, and improve the efficiency of day-to-day business operations.

## The WT4000 Series Wearable System — versatile, hands-free operations

The WT4000 Series Wearable System provides the tools you need to improve productivity, profitability and customer service levels. The standards-based system brings the productivity benefits of hands-free operation to the terminal dock, providing your workers with unparalleled freedom of movement in picking and package-handling applications. Wireless real-time connectivity to your network enables robust integration with your back office systems to streamline your business processes. And the system offers maximum application flexibility, with headset support for voice applications, a keyboard for text entry, as well as mix and match connectors on either side of the terminal for right- or left-handed scanning.

This complete system consists of:

- WT4000 Series Wearable Terminal providing high-performance computing power, reliable 802.11a/b/g WLAN connectivity, and a lightweight ergonomic design that can be worn comfortably on the hip or wrist. The terminal offers a full keyboard for easy text entry and a bright 2.8" QVGA screen for at-a-glance readability in nearly any lighting condition.
- Flexible scanning options with the lightweight RS409 ring scanner and back-of-the-hand RS309 scanner. Enhanced scan engines provide superior scan performance, reading even damaged or poorly printed bar codes the first time.

## Key Benefits:

- Increases sorting and package handling productivity with unparalleled freedom of movement
- Improves delivery accuracy — with real-time verification that the right shipment is at the right outbound location
- Optimizes delivery efficiency and load utilization
- Improves customer service with fast, dependable delivery
- Provides maximum application flexibility: voice-only, text-only and combination voice and text



Critical in tough environments such as the dock, the WT4000 Series Wearable System is built to last. IP-54 sealing protects the devices in damp, dusty conditions and Motorola's stringent drop and tumble tests ensure a design that delivers reliable operation, even if dropped on the concrete surface of the loading dock. Ergonomic innovations offer user comfort and safety, protecting your workers from fatigue and injury throughout the shift. And scanning devices offer removable, washable gloves and finger straps to improve user hygiene, even when devices are shared between shifts.

#### **Maximize productivity and accuracy in the terminal and hub**

With integrated 802.11a/b/g WLAN connectivity, the WT4000 Series Wearable Terminal puts the power of dock management support at the point of activity — out on the dock floor. When an inbound truck arrives at a depot, packages are immediately scanned as they are unloaded. Based on the next destination, the proper outbound dock and staging area for the package are identified, enabling workers to properly place the package for the next leg of the journey with minimal handling time — and cost. No package waits for information.

The need to juggle paper records or handheld devices is eliminated, enabling workers to move quickly from location to location upon receipt of the

latest package handling instruction. And whether workers are on the dock in bright sunlight or in a dark trailer, the bright QVGA screen is easy to read.

The real-time connection to your business systems provides instant visibility of updated package status. No more hard-to-read paper forms, delays in information, or inefficient and error-prone manual data entry. And the granular level of real-time status information can be extended to your customers to enable real-time package tracking.

The WT4000 gives users the capability to handle exceptions on the fly, without disrupting their workflow. For example, in the event a package label is damaged and the bar code cannot be scanned, workers can manually enter information on the keypad to identify the package and its destination, and in conjunction with a mobile printer, even re-print a label — all on the fly without the typical delays associated with such exceptions.

#### **Improve driver efficiency**

When loading an outbound vehicle, a quick scan helps ensure that the loader or driver places the packages in the correct section of the truck to facilitate maximum efficiency in the delivery process. Drivers no longer need to search through cargo for the right package at each stop — packages are already queued up and ready for delivery.

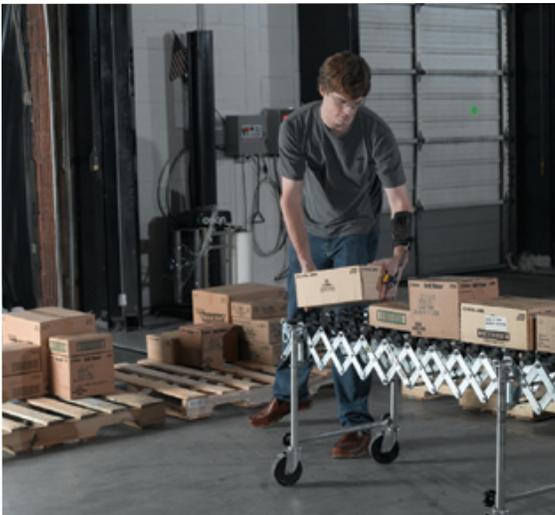
Utilization of one of your biggest assets — your trucks — is improved. Drivers can make more stops per day. And efficient package routing also provides better control over fuel costs.

### Reduce cycle times

The WT4000 Series Wearable System ensures the right package gets to the right truck to the right customer. With a quick scan, packages are verified in real time during both staging and loading processes — giving workers instant feedback on any errors. And the electronic system minimizes the potential for human error.

### Tangible, bottom-line benefits

Motorola's wearable technology enables companies to achieve operational efficiencies that have a direct impact on the bottom line. With a complete hands-free solution, dock workers are able to handle more packages per day. And when real-time control information is at workers' fingertips, there's no waiting for instructions. Packages are ready to be cross-docked as soon as they arrive for maximum efficiency. With proper loading, drivers are able to deliver more packages per day — enabling you to service more customers with the same resources. Loading is sorted for optimal route scheduling while better load utilization allows you to optimize your transportation assets. And the overall increase in productivity reduces cycle times, enabling you to provide dependable, rapid and cost-effective package delivery — a real business advantage.



### Adding value with Motorola Services

Motorola offers the expertise you need to assist with every stage of your mobility solution — from planning and design to implementation to ongoing support. Designed for your mission critical environment, Motorola's unique service offerings will not only help you keep your devices up and running, but also looking like new, ensuring maximum uptime and maximum product life, for a rapid return on investment — and a low total cost of ownership.

### Wearable computing — the Motorola difference

Count on Motorola to achieve maximum value from your technology investments. The WT4000 Series Wearable System represents the latest in hands-free wearable solutions, leveraging knowledge and insight gained from Motorola's unique and extensive industry experience — with 30 years as a market leader in bar code scanning and 10 years designing wearable mobile computing solutions.

Motorola offers one of the broadest vertical product portfolios of bar code scanners and mobile computers in the industry — from wearable computers to forklift-mounted devices, industrial scanners, RFID solutions, and enterprise class mobile computers. A shared hardware and software architecture enables applications to be ported across devices, reducing software development and training requirements. All devices integrate seamlessly with Motorola's wireless infrastructure — providing the performance and reliability needed to keep your employees connected and your data secure, as well as the scalability to meet your demands today, and tomorrow.

For more information on how the WT4000 Series Wearable System can improve your package handling operations, please visit us on the Web at [www.symbol.com/WT4000](http://www.symbol.com/WT4000) or contact us at +1.800.722.6234 or +1.631.738.2400.

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