



# Deliver Unmatched Worker Productivity and Accuracy

Honeywell's passion for productivity improvements drives our deep knowledge of distribution centers, and ensures that we're focused on the issues that make a real difference to your business: Discovering new ways to achieve operational efficiency and productivity, while also driving down labor costs. We enable you to achieve these gains through comprehensive solutions that integrate purpose-built data-collection devices, Vocollect<sup>™</sup> voice solutions and end-to-end data management.

To discover the ways that any operation can achieve best-in-class performance, Honeywell commissions research into how real distribution centers operate – including a global survey of 250 senior supply chain and distribution center managers. Based on this study, a few of the many challenges DCs commonly face are presented at right.

As Honeywell customers can attest, we help businesses throughout the world address these challenges by optimizing the workflows that are key to their operations. First, we design each solution from our comprehensive portfolio of integrated products, applications and services. Then we tailor your solution to meet your specific business needs, refining your workflows to deliver unbeatable user preference and cutting-edge, bottom-line results.

### **Distribution Center Managers Say:**

# New Technology Improves Profitability

Survey results show that DC managers look to mobile solutions to boost productivity and reduce costs.



#### On average...

managers have been tasked with finding nearly 20% in cost savings across their organizations.





of managers said that they will not review their workflow processes until a customer complaint has been received.

"Unlocking Hidden Costs in the Distribution Center" Research Paper conducted in 2012 by Honeywell and Vanson Bourne

#### The Distribution Center

Welcome to your Distribution Center – redefined. Only Honeywell, thanks to its innovative, rugged products, integrated Vocollect voice solutions and proven solution expertise can deliver the unmatched workflow accuracy and productivity that your operations depend on.

### Receiving

The receiving process is arguably the most important process in the DC: All downstream workflows depend on the accuracies and efficiencies achieved during receiving. Accurate data entry at this phase is critical for preventing costly cascading errors. Honeywell helps make receiving both rapid and extremely accurate with scanning that ensures accurate first-time barcode reads, even for codes that are damaged or difficult to read. Likewise, Honeywell mobile printing enables workers to correctly label products and pallets without wasting time walking to and from printer stations. These types of optimizations ensure immediate action and accurate data from the start, safeguarding your downstream workflows as well as driving quality control and vendor compliance.



## Picking .....

Picking is by far the most labor-intensive process in the DC and also the most error-prone – which makes it an ideal workflow for operational improvements. As e-commerce becomes the norm and enterprises adopt multi-channel fulfillment practices, picking operations need the flexibility to both ship pallets to a retail store and ship individual items directly to a consumer's doorstep. For fast-moving pallet picking, our industry-leading vehiclemounted computers eliminate the root causes of inefficiency with large screens, powerful processors and numerous industry-first innovations devised specifically for the DC. Likewise, for rapid case picking and/or piece picking, Honeywell technologies seamlessly incorporate Vocollect voice solutions, which are proven to dramatically improve productivity with unbeatable hands-free, eyes-free speed and accuracy.

### Putaway & Replenishment .....

A warehouse pallet's initial location influences all the processes that follow. A Warehouse Management System's (WMS) algorithms for putaway and replenishment can only ensure location accuracy if the operator has the tools to accurately confirm the transaction by rapidly scanning a location label or speaking a check digit for the rack or floor location. Honeywell technology is specifically designed to drive speed and accuracy in this process with features such as aggressive scanning performance at virtually any DC distance and fully mappable device keypads. Even when a transaction requires an operator to change forklifts, Honeywell vehicle-mounted computers can be hot-swapped alongside the worker, ensuring that every second counts. Likewise, Vocollect Bluestreak<sup>™</sup> and SoundSense<sup>™</sup> technologies accelerate performance with unmatched speech-recognition accuracy in noisy environments.



Inventory-control practices throughout the distribution center are vital to the accuracy of overall inventory, which is monitored closely by auditors. By using mobile computers and/or Vocollect voice solutions to access inventory systems and perform counts, workers can conduct inventory in real-time, eliminating the notoriously costly efforts and errors of periodic manual counts that are conducted via time-consuming paper and data-entry processes.

## Packing & Shipping ......



Packing stations and pallet-build areas require speed and precision to complete and ship orders. Desk space must be optimized, and scanning technology must be responsive, accurate and ergonomic so that workers see these tools as essential, and not a hindrance to the process. Thanks to many years of experience in DC deployments, Honeywell scanning solutions for the DC are proven to meet and exceed all these requirements, driving superb user acceptance and performance. Furthermore, Vocollect voice solutions enable workers to operate both hands-free and eyes-free, ensuring that associated tasks such as relabeling, repacking and taping are completed more quickly and intuitively than with any other technology option.

### **Honeywell Distribution Center Solutions**

Ever-increasing pressure to contain costs and meet evolving customer expectations requires DCs to adapt with greater accuracy and productivity. Honeywell helps you overcome these challenges with innovative products, software and services, which we develop based on direct customer feedback to deliver unbeatable user preference and bottom-line results.

		Mobile C	omputers		Vocollect Voice Solutions					
	CK3X	CK71	Tecton <sup>™</sup> CS	CK3R	A730	A720	A710	SRX2 Headset		
					Trans	11/20	11-	Pleadset		
Receiving	•	•	•	•	•	•	•	•		
Putaway and Replenishment	•	•	•	•	•	•	•	•		
Picking	•	•	•	•	•	•	•	•		
Packing and Shipping	•	•	•	•	•	•	•	•		
Inventory Control	•	•	•	•	•	•	•	•		

	Har	ndheld RFID Rea	dors	Vehicle-Mounted Solutions					
	70 Series RFID	IP30	IP2L	Thor <sup>™</sup> VM1	CV41	Thor VM2	CV61		
Receiving	•	•	•						
Putaway and Replenishment				•	•	•	•		
Picking	•	•	•	•	•	•	•		
Packing and Shipping	•	•	•						
Inventory Control	•	•	•	•	•	•	•		

		Light Indust	rial Scanners		Heavy-Du	uty Industrial	Mobile or Wearable Scanners		
	Hyperion™ 1300g	3820	Xenon 190X	SR31T	38X0i	SR61	Granit™	SF61B	BTRS 86xx
	<b>1</b>		190%	P	7	M	1		8
Receiving							•	•	•
Putaway and Replenishment					•	•	•	•	•
Picking							•	•	•
Packing and Shipping	•	•	•	•				•	•
Inventory Control									

	Desktop	Printers	Industrial Printers						Mobile Printers		
	PC43d	PC43t	PD41/42	РМ23с	РМ43с	PM43	PX4i	PX6i	PB22	PB32	PB50
				F		I					
Receiving		•	•	•	•	•	•	•			•
Putaway and Replenishment											•
Picking									•	•	•
Packing and Shipping	•	•	•		•	•	•	•			
Inventory Control	•	•	•		•	•					•



#### For more information

www.honeywellaidc.com

#### **Honeywell Safety and Productivity Solutions**

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