

# Vocollect by Honeywell Case Study

## Buffalo Hospital Supply

Providing healthcare providers the best



### Voice Results

#### Objectives

- Support growth
- Do more with less
- Achieve faster and more accurate deliveries
- Enhance customer satisfaction

#### Application

- Picking (pick-to-tote, case)

#### Installation

- Vocollect Talkman® T5 mobile appliances
- Vocollect SR-20 headsets
- Manhattan® SCALE WMS

#### Results

- 12% productivity improvement over handheld computers (went from 45-50 picks per hour to 65 picks per hour)
- Accuracy improved from 99.5% to 99.9%
- Greater customer satisfaction
- Reduced training time from 2-3 days on handheld computers to one day for voice (template trained in 30 minutes)
- Reallocated six full-time staff

#### Future Plans

- Replenishment
- Putaway
- Cycle-counting

### Vocollect Voice® keeps Buffalo Hospital Supply distribution operations flexible and competitive

Founded in 1977 and based in Buffalo, New York, Buffalo Hospital Supply (BHS) is a leading distributor of national brand-name medical/surgical supplies to healthcare organizations across New York State and Northwestern Pennsylvania. The company serves more than 500 regionally-located hospitals, skilled nursing facilities, home health, durable medical, and pain management organizations. As one of Western New York's Top Private Companies, BHS remains one of the region's top independent, family-owned, medical supply distribution companies.

Today the company operates a single 147,000 square foot distribution center (DC), housing approximately 16,400 SKUs, with 45 full-time employees using voice for tote- and case-picking. BHS distributes orders 24/7/365, with two shifts Monday-Friday and one each on Saturday and Sunday. On a daily basis, BHS processes approximately 4,000 lines, or 10,000 containers of medical supplies shipped on a dedicated fleet of trucks serviced by Ryder Integrated Logistics. Its dedication to continuous improvement on service and delivery to meet ever-changing customer needs is the very linchpin of the business.

### The Challenge

#### Staying price-competitive without sacrificing service

Operating in an extremely competitive arena that pits BHS against much larger companies, staying price-competitive without sacrificing service has always been a critical business goal.

Using the most advanced technology solutions possible to support customer requirements has always been a priority for the company. Its high growth pace made it difficult to maintain stock using a primarily paper-based distribution process. In addition, inventory control was time-consuming and required additional permanent and temporary staff to complete tasks. Limited visibility to product movement within the DC forced the company to maintain increased inventory to ensure high service levels. However, as BHS experienced decreased order accuracy, lower service levels and higher operational costs, something had to change, and change fast.

*"When we get an order at 10 a.m. that needs a 2:00 p.m. same-day delivery, which is not unusual, we need a reliable way to get the order filled correctly and quickly. Vocollect Voice has helped us streamline processes and provide excellent service to customers, while containing costs."*

**Jim Casselman**  
Chief Information Officer  
Buffalo Hospital Supply

## The Solution

### Continuous improvement in order fulfillment

The company brought on Manhattan Associates as its technology partner in 2003 to provide a comprehensive supply chain solution, that would bring a highly sophisticated approach to order fulfillment. Initially, handheld computers were brought in as one of the technology solutions, which measurably improved workforce performance. However, the workers found that the handhelds were not user-friendly, which ultimately impeded productivity.

In 2006 Manhattan Associates recommended that BHS look at voice. Vocollect and one other voice provider were considered. After a site visit with a drug distribution company in another part of the country – a Manhattan/Vocollect customer – Vocollect Voice was selected.

The major challenge for the deployment was that BHS needed to re-label its many bin locations. With integration support from Manhattan Associates, the rollout was fairly seamless. From the employees' standpoint, their job didn't change much at all, and the more ergonomic hands-free/eyes-free nature of the voice appliance meant that their productivity improved. The associates much preferred to wear a headset and belted device than a handheld computer that they continually had to pick up and put down. Ultimately, the company experienced less employee turnover, because the workforce enjoyed the tools they were assigned to use for their jobs.

## The Results

### Beyond organizational improvement, Vocollect Voice a recruiting and sales tool

"Since we had improved our productivity with handheld computers, we didn't anticipate a huge additional leap in performance – but yet we realized 12 percent additional productivity improvement," says CIO Jim Casselman.

The company's order accuracy was already quite high at 99.5 percent. But voice drove the accuracy level to 99.9 percent, or one error out of every 2,400 picks. "Today, with Vocollect Voice, if someone makes an error it is primarily due to confusion on a unit of measure, such as sending a box instead of a case," Casselman says.

The company's safety record has been excellent over the past three to five years, and the hands-free/eyes-free of feature of voice has contributed to that record.

Vocollect Voice has helped the company reduce its picking workforce by six full-time employees. Voice has also helped the company reduce training time from up to three days with handhelds to only one day, with only 30 minutes required for the individual worker to train his or her voice template. Because the voice system provides excellent information on individual performance, it helps the distribution leadership to see where common errors are occurring for training purposes. Sometimes the errors are germane to one particular customer requirement, for example – voice enables the company to put in a special alert to pay close attention to the unit of measure.

Finally, according to Casselman, Vocollect Voice has proven to be a strong recruiting tool for prospective distribution workers. In addition, voice factors into BHS' sales and marketing efforts, because it removes the perception that BHS does not have the same capabilities as the larger national health care distributors.

Corporate presentations to prospective customers always detail that BHS utilizes the most progressive technologies in its distribution efforts – from Manhattan and Vocollect.

Looking ahead, Casselman sees the opportunity to extend voice to additional workflows including replenishment, putaway and cycle-counting, further leveraging his investment.



#### Vocollect by Honeywell Global Contact Information

Region	Phone	Email
North America:	+1.412.829.8145	info@vocollect.com
EMEA:	+44 (0) 1628 55 2900	voc_emea@vocollect.com
Asia Pacific:	Hong Kong: +852 3915 7000 China: +86 10 5957 4817 Australia: +61 409 527 201	apac@vocollect.com
Latin America:	North: +52 55 5241 4800 ext. 4915 South: +1.412.349.2477	latin_america@vocollect.com
Japan:	+81 (0)3 3769 5601	japan@vocollect.com
Singapore:	Singapore: +65 6305 2369 India: +91 124480 6738	singapore@vocollect.com

#### About Vocollect by Honeywell

Vocollect by Honeywell is the leading provider of innovative voice technology solutions that help companies with mobile workers run a better business. Together with a global team of over 2,000 Vocollect Certified Professionals, Vocollect enables companies to save more than \$20 billion annually through further optimization of operations, improving business decision capabilities, and delivering the industry's premier worker experience in challenging industrial environments to nearly one million mobile workers who move in excess of \$5 billion of products every day.

Vocollect integrates with all major WMS and ERP systems and supports the industry's leading handheld computing devices. Visit us at [www.vocollectvoice.com](http://www.vocollectvoice.com).