

# WMS *Voice Technology*

**Datex FootPrint® WMS** now offers integrated voice technology. Using state-of-the-art Best of Breed voice technology helps to improve productivity and overall efficiency and can be integrated with existing enterprise systems.

## Features:

Datex FootPrint WMS Integrated Voice Solution can enhance efficiency and accuracy throughout the warehouse on such tasks as:

### Receiving

Using the voice solution allows the process to create labor savings by eliminating the need for additional quality audit and supervisory checks during the receiving process. Upon inventory receipt, product data such as quantities, expiration dates, lot numbers, and more can be captured. This creates improved tracking capabilities as well as the ability to match suppliers to shipments with receipt tracking information.

### Putaway and Replenishment

Building on the robust workflow capability of Datex FootPrint WMS, the voice solution can interleave tasks such as replenishment and putaway to improve work efficiency and reduce deadheading. Warehouse workers can be directed via voice technology to complete multiple tasks. For example, a replenishment task and putaway task in close proximity can be coordinated in order to reduce dead head travel time and improve productivity.

### Picking

Voice technology produces dramatic productivity and accuracy gains in the picking process. The system includes the ability for the warehouse worker to confirm the correct bin location by speaking a series of check digits to the system which are then verified. Once confirmed, the voice solution provides the quantity to be picked to the worker. This allows the worker to keep his hands and eyes free to perform the necessary task, eliminating the picking of wrong products or quantities. Typically, when compared with handheld mobile devices, the voice solution produces productivity gains of 15-25%, translating into significant worker throughput and labor cost reductions.



## Cycle Counts

Using a voice solution enables workers to keep eyes and hands free to capture quantities faster than on keyboards. Cycle counting can be engaged as part of other workflow processes, such as picking/selection in order to increase worker productivity. In addition, cycle counts can be performed as part of a perpetual inventory process, rather than creating the need for dedicated labor to perform the task.

## Loading

Load accuracy is another benefit of the use of the voice technology solution. By completing orders before moving the inventory to the loading area, loading areas can be kept clear. Load inaccuracy is often caused by the warehouse worker closing the load before all pallets listed on the manifest are loaded. The voice solution can prevent this error by preventing the worker from making this error reducing bogus customer claims.

## Immediate payback on your voice technology investment

Combined with Datex FootPrint WMS, this exceptional voice technology solution provides the highest increase in productivity, accuracy and efficiency of any single solution in the voice technology industry today. With the ability to use voice technology throughout the warehouse, return on investment happens even faster. This partnership enables warehouse operators to get a rapid return on investment on solutions pioneered by industry experts.

## Low total cost of ownership

With Datex FootPrint WMS Voice, the total cost of ownership is lower than with other voice technology systems as there is no server software to buy or application burden.

## Superior speech recognition and functionality

Our new technology makes it easy to add voice to any existing mobile process, so voice technology can add savings throughout your warehouse. Using advanced speed recognition technology, the application readily adapts and filters out background noise, is always listening and adapts to the speaker.



## Benefits

- ✓ Easy to add voice to any existing mobile process
- ✓ Recognition accuracy exceeding 99.6% in facilities by actual users
- ✓ Client software license only
- ✓ No server software to buy
- ✓ No need to access source code
- ✓ No application burden
- ✓ Fully multimodal, able to integrate with existing technology provided by today's mobile devices
- ✓ Application can be managed using smart phones, tablets, mobile devices or desktop computers from anyplace in the facility enabling fast problem resolution, reducing ongoing IT costs and time lag
- ✓ Voice, RFID, scanning and keyboard can be intermixed
- ✓ Centralized storage of user preference

## Speech Recognition

- ✓ Superior speech recognition in virtually all noise environments
- ✓ No time needed to "train" devices to recognize individual speakers or accents
- ✓ System recognizes user commands and conversations by using unique conversation filtering technology

## Functionality

- ✓ Supports multiple applications and environments including but not limited to picking, placing, counting and inspecting inventory; quality control and asset tracking
- ✓ Offers multi-modal functionality in a single user interface
- ✓ Compatible with major enterprise systems and mobile devices
- ✓ Only voice product to use active environment adaptation, specialized voice technology that monitors and adapts automatically to diverse noise environments

## Who Needs Datex FootPrint WMS Voice Technology?:

- ✓ Warehousing and distribution
- ✓ Third party logistics (3PL) providers
- ✓ Manufacturers
- ✓ Apparel
- ✓ Pharmaceutical
- ✓ Food processors and growers

Contact us today for  
more info on Datex  
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