

## Gain greater accuracy, faster cycle times, and lower costs.

The advanced warehousing capabilities extends Sage ERP X3 to include more sophisticated inventory management functionality that is often required to support operations in midsized and larger warehouses. It includes the data collection capabilities of Sage ERP X3 and communicates directly with the Sage ERP X3 back-office system for the seamless and secure processing of a broad array of warehouse business transactions.

Sage ERP X3 Advanced Warehousing accepts data directly from automated input devices, verifies its accuracy, and passes it to the enterprise system for immediate update. It also manages the entire network of collection devices, including all user input prompts. Armed with accurate data, companies have much better information on which to base business-critical decisions. Companies can also expect to reap the benefits of decreased cycle times and safety stock, increased inventory throughput, and improved customer service.

### A Complete Solution

Sage ERP X3 Advanced Warehousing provides users with the ability to enter data and scan bar-code labels using radio frequency (RF) devices and to create and print bar codes as well. It works with ANSI-compatible devices, from wireless handheld RF bar-code scanners to fixed station devices such as badge scanners, bar-code wands, keyboard wedges, hand-held tethered scanners, and clocking stations.

### Flexible Deployment

With Sage ERP X3 Advanced Warehousing, companies can implement the technology when and where it is needed most, moving into other operational areas at their own pace. Further, they can extend data entry capabilities from beyond back-office ERP users out to warehouse personnel. Not only can these workers easily and accurately push information into Sage ERP X3, but they can also receive useful information back using the multitude of inquiries that are available within the system.

### Supports Directed Operations

In addition to automatically capturing data for material handling transactions as part of Sage ERP X3 Inventory, Sage ERP X3 Advanced Warehousing provides directed put-away to appropriate storage locations by RF scanning according to factors such as item velocity, weight, dimensions, and consolidation rules as well as pick planning and scheduling, including directed picking for single shipments or groups of shipments, based on warehouse location.

## Features and functions

### Directed Put-away

- Directs incoming items to warehouse locations according to the results of a put-away location selection algorithm
- Supports RF scanning of receiving labels and dialog between users and Sage ERP X3
- Recommends best storage location according to product and quantity
- Attempts to consolidate products in the same location
- Uses factors such as item velocity, weight, primary location, alternate locations, and overflow locations in the put-away algorithm
- Supports quantities in either the stocking unit of measure or carton sizes
- Produces receiving labels

### Pick Planning and Scheduling

- Directs users to picking areas according to the results of a picking algorithm
- Produces a list of open shipments for ease in creating picking assignments
- Permits supervisors to assign pickers based on user and warehouse location
- Supports RF-directed picking assignments and confirmations
- Permits picking to initiate from receiving area to facilitate cross-docking
- Allows users to easily combine items on the same skid or package for the same shipment
- Prevents users from mixing shipments on a single skid or package
- Alerts operator when final shipment is confirmed for ease in moving material to the final destination (such as a loading dock)

### Palletized Picking and Shipment Confirmation

- Assigns items to skids and packages at the time of picking
- Supports RF scanning of items into skids or packages
- Confirms completed picks, shipments, and loads
- Uses preprinted bar-code labels for skid license plates
- Produces packing lists and accounts for pick exceptions

### Data Collection Architecture

- Supports ANSI-compatible RF and fixed station devices
- Manages users and security
- Integrated with the Sage ERP X3 toolset

## About The Sage Group plc

We provide small and medium-sized organizations with a range of easy-to-use, secure, and efficient business management software and services—from accounting and payroll to enterprise resource planning, customer relationship management, and payments. Our customers receive continuous advice and support through our global network of local experts to help them solve their business problems, giving them the confidence to achieve their business ambitions. Formed in 1981, Sage was floated on the London Stock Exchange in 1989 and entered the FTSE 100 in 1999. Sage has over 6 million customers and more than 12,700 employees in 24 countries covering the UK & Ireland, mainland Europe, North America, South Africa, Australia, Asia, and Brazil.

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