

Sage ERP X3 RF Warehousing

Sage ERP X3 RF Warehousing extends the capabilities of Sage ERP X3 Inventory to include more sophisticated functionality that is often required to support operations in midsized and larger warehouses. It includes the capabilities of Sage ERP X3 Data Collection (see Data Collection data sheet) 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. By combining powerful software and reliable hardware with the strength of experienced implementation professionals, businesses can become more efficient, productive, and profitable.

Most ERP systems on the market do not inherently support warehousing and automated data collection capabilities. Companies have discovered after their ERP system purchase that they need to interface with third-party systems, assuming unnecessary integration expenses... even adding staff to maintain the various systems.

But the Sage integrated approach allows businesses to add a more sophisticated level of warehousing functionality without acquiring another system. Sage ERP X3 RF Warehousing accepts data directly from automated input devices, verifies its accuracy, and passes it to the Sage ERP X3 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.

Benefits

Sage ERP X3 RF Warehousing is an ideal way for any business to earn a faster return on their total Sage ERP X3 ERP investment, and gain a competitive advantage in their market.

- Increased productivity through faster putaway and picking times
- Timely, accurate information from capturing information directly in the warehouse without keying errors
- Improved quality control from verifying data before it is posted into Sage ERP X3
- Fewer shipping errors from immediate verification of products and quantities
- More accurate inventory counts results in lower carrying costs and fewer stockouts
- Reduced overhead by accommodating higher data volumes with fewer errors and less personnel
- Shorter learning curves for warehouse personnel to learn and utilise the entry devices
- Improved warehouse utilisation through warehouse location consolidation
- Lower warehouse picking time and improved labour productivity
- Faster generation of packing lists and minimised product handling
- Accurate, more timely labor efficiency and utilisation reporting to management

An Open, Secure Environment

Sage ERP X3 RF Warehousing is easy to install and delivers high performance, reliability, and security. The open system design provides maximum flexibility with the ability to accommodate almost any brand of ANSI-compatible data collection equipment.



A Complete “One-Stop-Shop” Solution

Sage ERP X3 RF Warehousing provides users with the ability to enter data and scan barcode labels using radio frequency (RF) devices and to create and print barcodes as well. It works with any ANSI-compatible device, from wireless handheld RF barcode scanners to fixed station devices such as badge scanners, barcode wands, keyboard wedges, hand-held tethered scanners, and clocking stations. Sage distributes data collection equipment manufactured by leading hardware vendors, providing businesses with a unique one-stop-shop for ERP and warehousing software, integrated data collection, barcode label management, hardware devices, and full implementation services. The result is a completely integrated solution designed to provide companies with a rapid return on investment through greater accuracy, faster cycle times, and lower costs.

Flexible Deployment

With Sage ERP X3 RF 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.

- Increased productivity through faster putaway and picking times
- Better visibility into work-in-process production orders and manufacturing costs

Supports Directed Operations and Labour Reporting

In addition to automatically capturing data for material handling transactions as part of Sage ERP X3 Inventory, Sage ERP X3 RF Warehousing provides the following capabilities:

- Directed Putaway to appropriate storage locations by RF scanning according to factors such as item velocity, weight, dimensions, and consolidation rules
- Pick Planning and Scheduling, including directed picking for single shipments or groups of shipments, based on warehouse location

Features and Functions

Directed Putaway

Directs incoming items to warehouse locations according to the results of a putaway location selection algorithm Supports RF scanning of receiving labels and dialog between user 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 putaway 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 combinations of user and warehouse location criteria

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 barcode labels for skid license plates

Produces packing lists

Accounts for pick exceptions

Cycle Counting

Provides RF-based bin checks and cycle counts

Supports RF-based bin checks with actual quantity counted compared with system quantity

Produces discrepancy report and ability for manual adjustments in the item quantity database

Data Collection Architecture

Supports ANSI-compatible RF and fixed station devices

Manages users and security

Integrated with the Sage ERP X3 toolset

