



## A Completely Integrated Approach

Sage ERP X3 Data Collection is a robust automated data collection solution that communicates directly with Sage ERP X3 manufacturing, distribution and accounting functions for the seamless and secure processing of a broad array of shop floor and warehouse business transactions. It combines powerful software and reliable hardware with the strength of experienced implementation professionals to allow businesses to become more efficient, productive and profitable.

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

But Sage's integrated approach allows businesses to automatically collect and utilize data end-to-end across their operational areas. It takes data directly from automated input devices, verifies its accuracy and passes the data to Sage ERP X3 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. More importantly, they are positioned to effectively compete in today's collaborative business environment with their customers, suppliers and sub-contractors.

## An Open, Secure Environment

Sage ERP X3 Data Collection 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 Data Collection 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 hand-held RF barcode scanners to fixed station devices such as badge scanners, barcode wands, keyboard wedges, hand-held tethered scanners and clocking stations.

Adonix 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 Data Collection, 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 backoffice ERP users out to shop floor and 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 Key Shop Floor and Warehouse Transactions

Sage ERP X3 Data Collection supports the following shop floor and warehouse transactions:

### Shop Floor Control

- Production Tracking
- Labor Tracking
- Time and Attendance Entry

### Warehouse Material Movements

- Receiving
- Putaway
- Cycle Counting
- Warehouse Location Changes
- Miscellaneous Issues and Receipts
- Picking
- Production Material Issues

## Benefits

With Sage ERP X3 Data Collection, companies can benefit from:

- Increased productivity through faster putaway and picking times
- Better visibility into work-in-process production orders and manufacturing costs
- Timely, accurate information from capturing information directly on the shop floor or 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 resulting in lower carrying costs, fewer stockouts and cost reductions from tracking down fewer inventory errors
- Reduced overhead by accommodating higher data volumes with fewer errors and less personnel
- Shorter learning curves for shop floor and warehouse personnel to learn and utilize the entry devices

Sage ERP X3 Data Collection is an ideal way for any business to earn a faster return on their total Sage ERP X3 investment, and gain a competitive advantage in their market. It can be further extended with Sage ERP X3 RF Warehousing, which adds more sophisticated functionality for your warehouse management operation (*see RF Warehousing data sheet*).

# Functions and Features

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## Material Handling

- Produces bar-coded receiving worksheets
- Cycle count from bar-coded worksheet
- Updates count quantities from data collection devices
- Automated entry of location changes and miscellaneous receipts and issues
- Updates pick quantities for shipping confirmation

## Shop Floor Control

- Rapid entry and tracking of employee start and stop times
- Automated entry of production material issues and putaway
- Downloads virtual pick lists to collection devices for material issues
- Automated production reporting for partial and completed work orders
- Uses Sage ERP X3 business rules for production putaway

## Barcode Label Management

- Library of barcodes for ease in selection
- Prints labels on demand

## Architecture

- Three-tier, Windows-based architecture
- Supports ANSI-compatible RF and fixed station devices
- Adonix provides devices from industry-leading vendors, such as Intermec
- Flexible user and transactional security for additional control
- Device entry prompts based on Sage ERP X3 data fields
- Integrated with the Sage Application Framework for the Enterprise X3 platform (SAFE X3)

