

# BoxTracker™

## – HIGHLIGHTS –

- Table-driven control software permits owner shifts in workflow
- Routing and flow control of packages and pallets
- Sorter and accumulation control with scanner interfaces
- Unlimited device connectivity
- Graphical displays detail warehouse activity and equipment status
- Create custom Web-based interfaces and displays
- Compatible with a broad range of database selections
- Fast implementation and integration
- Standard WMS interface API or custom programmed solutions

**BoxTracker™** is a Unix-based software application for routing, sequencing and control of your orders and equipment. **BoxTracker™** provides a standard API for interface to your WMS. Package tracking and routing, conveyor control, carousel optimization and pick-to-light system control are all standard **BoxTracker™** features.

**BoxTracker™** from BoxWorks Technologies, Inc. can take your warehouse operations to the next level. This warehouse execution software bridges your WMS to automated equipment including conveyor, sorters, carousel, ASRS and AGV to get the most from your equipment and personnel.

A standard API permits your WMS to download batches, cartons, and routings to **BoxTracker™** and receive real-time updates of carton location, pick events and progress, equipment status and more. **BoxTracker™** is a complete and integrated system including a database, event logging, communications and reporting infrastructure. With a combined material handling control system experience base in excess of 150 years, BoxWorks is the right source for your **BoxTracker™** control system.

## – FEATURES –

- Integrates With Existing WMS
- Web-Based Capabilities Enables Access From Any Browser
- User Security and Preferences includes Group Level access control
- Pre-tested Equipment Interfaces
- Linux/Unix Operating System Compatibility
- Full suite of interfaces including ASRS, Conveyor, AGV, Carousel, Sorter, Pick-to-Light, RF

### Core Technology:

- cTree Server, Oracle, MySQL, MSSQL Database Connectivity
- User Dialogues via standard web browser
- Unix/Linux Operating System
- Economical and Reliable x86 Server-based computer hardware
- Network device connectivity to eliminate device switching
- Enhanced user and dialogue security including user groups



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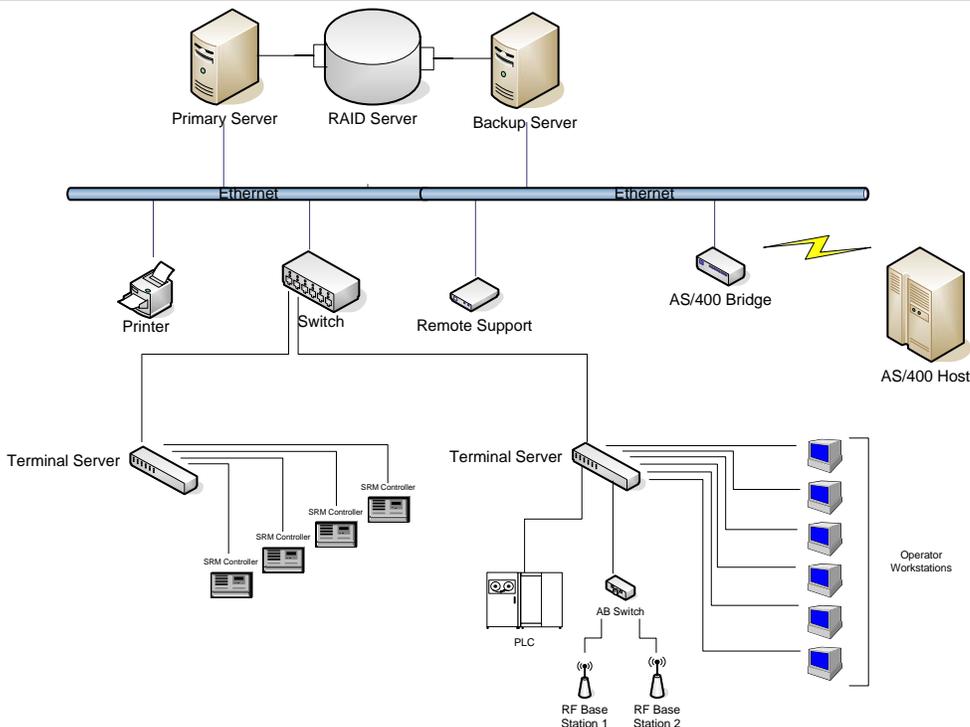
## INSTALLATION AND USAGE

BoxTracker™ software runs on a Unix- or Linux-based PC server. The database application may be resident on the same server, or may be configured on a separate database server for enhanced transaction performance. BoxTracker is designed to compliment your WMS/Host system by providing equipment control, product tracking, routing and realtime information updates to a higher level system.

System reliability and availability is enhanced with Ethernet device communication. Network-based communication to scanners, device controllers and PLCs eliminates the need to switch communications when transferring control to a backup server. Network native devices are directly connected, or reliable terminal servers are installed to support serial devices. All communication from the BoxTracker server is directed over the high-speed network. Failover to a backup server can be accomplished with a simple push button. No devices to switch, no cables to disconnect, no drives to dismount.

User interface to BoxTracker is accomplished with a standard browser or over a Telnet connection to the server. Reports may be viewed in the browser, printed, and exported to Excel format. BoxWorks can provide the computer equipment and software for purchase as part of a complete controls solution. A typical system configuration is illustrated below. See your application specialist for details.

Package flow and routing is controlled by table entries accessible to the owner. Easily modify the flow of work through the system. Custom configurable event reporting to manage the transfer of information for realtime updates to your WMS.



Effective warehouse optimization requires robust software able to support all of your optimization needs. Your warehouse must adapt to changing demands brought about by labor shortages, Internet commerce, dynamic markets, increasing cost pressures, import cycles and higher performance requirements. If not addressed properly, these demands can adversely affect warehouse efficiency and the bottom line. BoxTracker™ software can help you achieve and maintain peak operational efficiencies in your facilities.



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