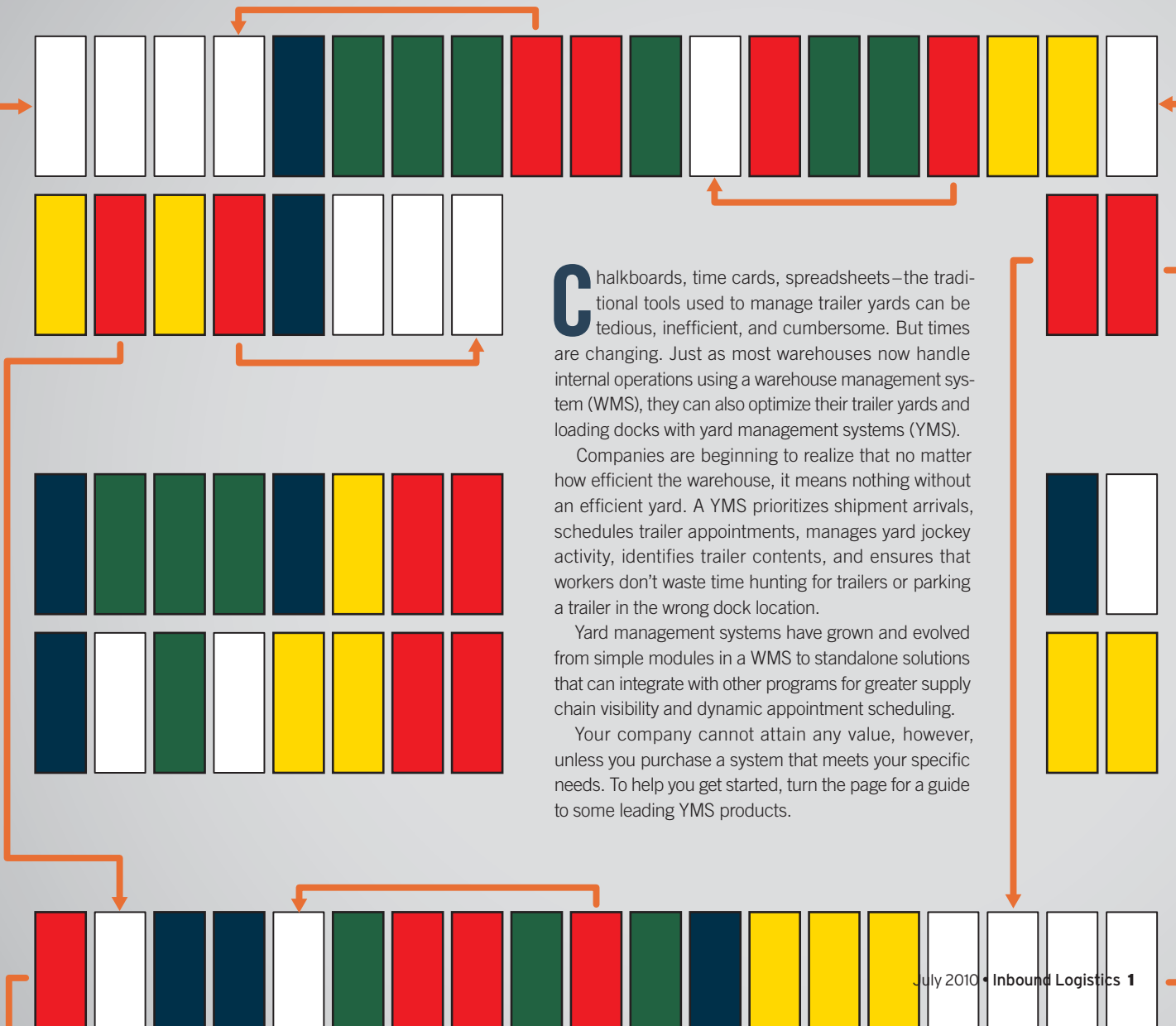


# Yard Management Systems

## BUYER'S GUIDE



**C**halkboards, time cards, spreadsheets—the traditional tools used to manage trailer yards can be tedious, inefficient, and cumbersome. But times are changing. Just as most warehouses now handle internal operations using a warehouse management system (WMS), they can also optimize their trailer yards and loading docks with yard management systems (YMS).

Companies are beginning to realize that no matter how efficient the warehouse, it means nothing without an efficient yard. A YMS prioritizes shipment arrivals, schedules trailer appointments, manages yard jockey activity, identifies trailer contents, and ensures that workers don't waste time hunting for trailers or parking a trailer in the wrong dock location.

Yard management systems have grown and evolved from simple modules in a WMS to standalone solutions that can integrate with other programs for greater supply chain visibility and dynamic appointment scheduling.

Your company cannot attain any value, however, unless you purchase a system that meets your specific needs. To help you get started, turn the page for a guide to some leading YMS products.

	COMPANY	PRODUCT	DESCRIPTION
<b>H</b> <b>L</b>	<b>ASC</b> Dayton, Ohio www.ascsoftware.com	<b>ASCTrac Yard Management</b>	Tracks WMS inventory and vessels/trailers in the yard; manages min/max trailers and types; and issues automatic event triggers for contacting carriers to request more trailers or pickups.
<b>H</b> <b>L</b>	<b>C3 Solutions Inc.</b> Montreal, Quebec www.c3solutions.com	<b>C3 Yard Smart</b>	Manages trailer inventories and their contents down to the SKU level, gate arrivals and departures, and dock management. Provides real-time task management using wireless technology combined with graphic interfaces.
<b>H</b>	<b>Cypress Inland</b> Highlands Ranch, Colo. www.yardview.com	<b>YardView</b>	Schedules inbound and outbound appointments, makes changes, and generates trailer activity reports. Retrieves status changes and moves for any trailer, displaying step-by-step activity from when a trailer enters inventory until it leaves.
<b>H</b>	<b>Exotrac</b> New York, N.Y. www.exotrac.com	<b>YardTrac</b>	Offers real-time asset visibility, monitoring, and security for consolidation centers, distribution centers, warehouses, and pool points. Interfaces with GPS-equipped mobile phones with attached bar-code scanners to rapidly scan trailers and containers to perform field-based functions.
<b>H</b> <b>L</b>	<b>Fluensee</b> Englewood, Colo. www.fluensee.com	<b>Fluensee Yard</b>	Automates trailer visibility and location at the gatehouse, in the yard, and at the dock doors, while managing switcher tasks, location, and accountability using RFID and GPS.
<b>H</b> <b>L</b>	<b>HighJump</b> Eden Prairie, Minn. www.highjump.com	<b>HighJump Yard Advantage</b>	Tracks the location of trailers and other equipment with RFID-based, real-time location tracking. Ensures security and streamlines workflows by providing the actual position of equipment in the yard.
<b>H</b> <b>L</b>	<b>Infor</b> Alpharetta, Ga. www.infor.com	<b>Infor SCM Yard Management</b>	Streamlines dock and yard operations to offer greater trailer inventory visibility, increased security, and lower overall trailer costs.
<b>H</b> <b>L</b>	<b>InSync Software Inc.</b> San Jose, Calif. www.insyncinfo.com	<b>iApp Yard Management</b>	Improves asset visibility and automation, reduces shrinkage and waste, increases service levels with lower inventory carrying costs, and cuts asset location time.
<b>L</b>	<b>Knighted Computer Systems</b> Ossining, N.Y. www.knightedcs.com	<b>Yard Management</b>	Monitors trailer status and provides data such as carrier and appointment, load type and contents, associated vendor and customer, pending trailer movements, and dock door assignments.
<b>L</b>	<b>Manhattan Associates</b> Atlanta, Ga. www.manh.com	<b>Yard Management</b>	Interfaces with appointment scheduling software, provides visibility into inbound and outbound transportation, identifies exact location of assets, identifies critical loads, and synchronizes yard and dock door operations.

	COMPANY	PRODUCT	DESCRIPTION
H L	<b>MaxAccel</b> Boulder, Colo. www.yardpro.maxaccel.com	<b>YardPRO</b>	Represents railcar conditions through color-coded icons. Captures historical move, switch, dwell, and demurrage data for accounting and billing.
H L	<b>ORTEC</b> Atlanta, Ga. www.ortec.com	<b>ORTEC Yard Management</b>	Plans, monitors, and controls truck movements, and supports loading and unloading activities in the yard. SAP shipment or delivery documents can be linked to trucks to enable status triggering.
H L	<b>PINC Solutions</b> Berkeley, Calif. www.pincsolutions.com	<b>Yard Hound</b>	Offers access to real-time yard and shipment information and provides activity management online 24/7. Locates trailers and trucks, displays load status, manages and sets alerts, schedules appointments, and generates analytics/performance reports.
H	<b>RACO Industries</b> Cincinnati, Ohio www.racoindustries.com	<b>Yard Director YMS</b>	Provides trucking yard control, compliance, asset visibility, and efficiency through real-time tracking and reporting on vehicle locations and contents. Issues fuel level, temperature, detention, and maintenance alerts.
H L	<b>RedPrairie</b> Waukesha, Wis. www.redprairie.com	<b>Yard Management</b>	Controls real-time trailer spotting and retrieving using RF terminals or paper. Allows numerous views of the yard. Redirects or initiates trailer movement and allows gate operators to check trailers in and out while capturing relevant data.
L	<b>Retalix Ltd.</b> Plano, Texas www.retalix.com	<b>Retalix Yard Management</b>	Integrates yard data and ensures real-time, optimal automation, and provides arrival and departure control. Tracks trailer movement, location, and readiness across the yard.
L	<b>Royal4 Systems</b> Long Beach, Calif. www.royal4.com	<b>Yard Management</b>	Manages appointment tracking, trailer check-in and check-out, trailer movements, yard inventory reports, and email alerts. Helps coordinate crossdocking and interleaving operations.
H	<b>Virtual Yard Management Inc.</b> Sheffield Village, Ohio www.vyminc.com	<b>KT<sup>3</sup></b>	Tracks the life cycle of a container as it enters the property. Captures and reports real-time location, load status, movement, and dock activity.
H L	<b>Zebra Enterprise Solutions</b> Lincolnshire, Ill. http://zes.zebra.com	<b>Yard Management Solutions</b>	Automates workflows and processes while capturing data on tracked assets at multiple sites. Identifies shipping bottlenecks and adjusts delivery schedules. Provides access to historical asset status and location data.

### Not sure if a YMS is right for you? Ask these questions before deciding:

Is the system adaptable to multiple yard locations? ■ Is the current inventory management situation severe enough to justify the YMS investment? ■ How much will the system help increase throughput? ■ Is the system easy to configure and use? ■ Will the YMS grow with the company?