



Yard Smart Yard Management Systems

C3 Solutions

SUCCESS IS IN THE SUPPLY CHAIN

Today, competitive companies rely on an efficient supply chain to ensure success. TMS and WMS have become essential pieces of software, offering visibility into the supply chain that is imperative to operating at the new benchmark level of customer service. Now, innovative companies are directing their attention to the break in visibility between supply chain systems - and focusing on the yard. A Yard Management System allows for complete yard visibility and efficient use of yard resources. Streamline and improve the planning and execution of yard activity with Yard Smart YMS.

BENEFITS OF YARD SMART

- Gain visibility on yard and improve operational processes
- Maximize investment in WMS, TMS and ERP systems - Yard Smart can be integrated to communicate with other supply chain systems
- Increase customer service levels - appointment scheduling helps plan daily DC activities to ensure on-time deliveries
- Improve inventory management - know what inventory is sitting in the yard and where. Provides visibility down to the SKU level
- Optimize task assignment and the use of resources - reduce trailer fleet, reduce number of required yard truck drivers (shunters) and maximize their efficiency
- Improve dock management - avoid double handling and reduce congestion at docks
- Be aware of trailers and idle drivers that are costing money - reduce or eliminate trailer and driver detention costs
- Speed up gate processing and yard organization - automatically assign parking according to business rules

"H-E-B could not provide the level of service that our reputation is built on without a first rate yard management system. C3 Solutions Yard Smart delivers the goods."

Al Barrientez, VP Warehousing,
H-E-B Grocery Company

10 YEARS OF INDUSTRY EXPERIENCE

- Grocery
- Manufacturing
- Retail
- Parcel Post
- Transportation/Logistics

CLIENTS INCLUDE:

Canadian Tire /
Challenger Motor Freight / Ford /
Gap Inc. / Groupe Robert /
H-E-B Grocery Company / Kraft /
Royal Mail / Safeway / Sainsbury's

REAL TIME YARD VIEW

Features:

- Trailers colour coded by carrier, profiles or content
- Zoom feature
- One-click access to trailer profiles
- Access to view other yards by selecting at left

Task Status:

- Dock Request
- Task Assigned
- Shunter Move
- Task Complete



Shunter Communication Device



FEATURE-RICH YARD SMART DRIVES IMPROVED YARD PRODUCTIVITY

Yard Smart is a comprehensive Yard Management System that includes the following features. But additional features don't always provide additional benefit for every user; that is why every client gets only the functionality they require. Because of our modular software design, features can be added as operations grow and become more complex.

- **Access to multiple yards:** Yard Smart can be set up as a multi-site system
- **Configurable:** Yard Smart will be configured according to the needs of the user. Most Yard Smart screens and rules are configured at the level of the organization, individual yard, and individual user
- **Real time views of activity in the yard:** Representational real time view of the yard with colour-coded trailers, zoom function and one-click access to trailer profiles, complete yard inventory
- **Alerts** on trailer maintenance, detention costs and other time sensitive events according to priorities and preferences set by the user
- **Historical reporting** on gate events, task generation and completion, shunter activity, and zone activity
- **Integrated appointment scheduling** for complete flow-through operation
- **Full integration with other supply chain management systems:** Transfer data from TMS and WMS for increased automation and improved tracking ability
- **RFID and GPS** as optional components of the system: offers facilitated trailer inventory and more streamlined gate process
- **Prioritization of tasks through the 'Work Solver' optimizer:** Apply rules that will govern how tasks are assigned in priority
- **Business rules engines** that drive yard operations according to individual yard processes
- **Ability to manage tractors and trailers as separate assets**

DELIVERY OPTIONS

- **Web Hosted**
- **Licensed Software**

C3 Solutions' Yard Smart Yard Management System is fully scalable to meet your needs. An enterprise license with server hosted Yard Smart gives you the most powerful solution to solve your most complex problems. Less complex challenges will find maximum benefits in the simpler web hosted version of Yard Smart. Fall somewhere in between? Yard Smart is configurable to the nature of your operations.

"C3's implementation team is one of the most organized and professional groups I've ever worked with."

Eveline Gaede, Director of IT,
Challenger Motor Freight

ROI

Most users will see a return on investment in a period of less than twelve months. However, the positive impact on service levels to clients and diminished risks associated with low yard visibility is immediate. A yard management system maximizes your investment in other standard supply chain management systems.

WHAT TO EXPECT

- 25% Reduction in shunt trucks
- 30% Increase in dock productivity
- 90% Reduction in detention fees
- 25% Increase in driver productivity
- 15% Reduction in fleet trailers
- ROI in less than 12 months



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