How to Maximize Your Yard Management and Dock Scheduling Investment

A Comprehensive ROI Overview to Help Build Your Case
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At C3, we understand that with the adoption of any new technology, a huge weight is placed on Return On Investment (ROI).

Great tech should not only enhance your businesses’ ability to optimize and automate tasks or functions, but it should also improve your user experience and customer journey at the same time.

Even if a system can make the lives of your employees and customers easier, the cost of roll out and subscription have to be eclipsed significantly in both cost savings and opportunity to serve and grow your customer base and business model. Companies need to get the return on their investment quickly, so here is how C3 clients maximize their benefits from our software.
Without human interference, things can get out of hand quickly. You can easily book a load for one dock, only to find that the number of trucks already queued up at another dock is too high to accommodate. Or you may book one truck for a site, only to discover later that you don’t have the space to accommodate it. In either case, your clients may be on their last nerve, with half-empty trucks and drivers waiting for an assignment.

With automated bookings, the problem is solved. We will not accept bookings that exceed the capacity of the dock. Our software allows us to ensure that only trucks with space can be assigned. We can also ensure that our clients are not overbooked, and that our drivers are not assigned to sites that exceed their capacity.
The gatehouse area of any yard is often one of the biggest areas for delays and confusion and can often be a bottleneck to effective vehicle throughput or data capture.

A YMS should be able to enhance gatehouse operations by streamlining the amount of time and effort it takes to check trucks and trailers in and out. As the gate is the first point of contact and the main security post for the facility, it’s very important for the staff there to be able to quickly and easily identify each specific vehicle, why it’s there and where it needs to go.

With our seal management capabilities, we can ensure even a person-less gate can be fully secure and only allow authorized drivers and vehicles on to your site.

Remove 100% Of Queuing Delays at Your Facility

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Self-serve options for check-ins are a very useful tool for managing scheduled arrivals, with many of our customers removing the need for any gateguards.

GATEHOUSE MANAGERS

YOUR ROLE

Tighten Your Data Capture on Gate Entry

Through the use of QR coded data entry for all road drivers, C3 Yard can ensure that all relevant information regarding your inbound and outbound routes are captured instantaneously on arrival or departure.

Improve Gate-in & Gate-out Times by 50%

With our cutting edge data capture on gate arrival or departure, we can ensure the gate process is significantly sped up for the driver, meaning your vehicles seamlessly access the site without the normal paperwork and communication phase at the gate.

We can ensure that only authorized vehicles and drivers are allowed on site, and that once the data is captured, the vehicle is cleared and good-to-go.

Our customers also find that our gate feature greatly improves efficiencies on access to and from site. No longer does data capture & security have to battle with speedy throughput; we can ensure all relevant seal information and route/driver details are captured without human error, whilst your trailers swiftly and efficiently enter your site.

No more queues, no more unhappy drivers and no more phantom data!
HUB MANAGERS & WAREHOUSE WORKERS

Improve Dock Turnaround Times by up to 30%

Our realtime warehouse dock-view gives your users a full end to end operational view of all relevant docks via:
- Visibility of all doors and warehouses, with details of the activity of the supplier/carrier including volumes, status and ad-hoc load information.

Remove Driver Detention Fees up To 100%

Eradicate driver wait times and wave goodbye to driver detention costs.
Driver shortages have become a huge problem internationally in our industry with lots of pressure building on the existing body of drivers to:
- Reduce driver detention to zero through precision appointment planning and execution.
- Full communication with drivers through C3 Hive, ensuring no delays on entering or leaving site.
- Better site operations and turnaround times gets noticed by the driver community, and becoming a Shipper of Choice is a goal for any transport or logistics company who wants to help the lives of their employed and third party drivers. C3 Hive allows you to track and communicate with your road drivers, ensuring slots are efficiently filled, late arrivals are reduced and earlier arriving drivers can hit slots that come available.

Improve Your Dock Capacity and Throughput by up to 25%

Know your true capacity
Maximize your processing potential with accurate data related to docking and unload times. Balance your staffing requirements.
- Reduce overtime with full visibility of your current and future capacity potential
That includes what is on your doors at any given time.
- Full execution of dock activities
Allow your operational team to move a load from gate to door, and from outbound to gate. Much of our movements can be automated meaning the delay between your dock worker confirming a trailer and the system creating the shunt movement are greatly minimized.
- Keep your dock workers & team leaders in the warehouse
With our HTML5 platform you can make significant cost savings ensuring you keep your dock workers & team leaders in the warehouse instead of the office behind a PC or Laptop, meaning more time for their teams and operation.
- Always know what is on your doors or due to come on your doors
With our dock view function, giving full visibility and control to your under the roof teams during their busy operations.

Remove Late Outbound Routes by up to 30%

Know your empty vehicle availability via our fulfillment tool
C3 Yard will know how many trailers you have available to use, ensuring the correct vehicle type is used on the correct route. Our rule engine will always ensure priority loads will receive their trailers first meaning late trailers will be greatly reduced.

YOUR RETURN ON INVESTMENT

YOUR ROLE

Learn More About C3 Hive, Our New Real-Time Visibility Tool!
Combined with our Yard and Dock Scheduling systems C3 Hive, drivers can "check-in" to a distribution center in advance, notify the operation if they are unexpectedly delayed or request an earlier arrival time if they arrive ahead of their scheduled appointment.
Learn More Now
Improve Your Shunter Productivity by 30%

Deliver Real-time Visibility

▸ Deliver real-time visibility into everything going on in the yard with our yardview screen.
  This view includes trucks, trailers and their contents, yard trucks and their drivers.

▸ Instantly know where each or all of your assets and inventory are with a click or a tap.
  Our cool search function allows a user to find the location and full trailer history in an instant as well as giving your super users to see which user executed a move and which shunter or driver made the move on the yard.

Optimize Tasks for Yard Drivers

▸ Managing yard drivers is the most costly part of your operation and is key to delivering service within your organization.
  The moves planned by C3 Yard are optimized according to your business requirements to use the least resources and create maximum efficiency.

Using the Right Shunter Vehicle for the Task

▸ Our shunter algorithm will always use the most efficient and optimal tug in terms of proximity to the next movement.
  This makes sure the minimal amount of time and distance for the effective completion of a trailer movement.

Eliminate Unnecessary Shunter Movements

▸ Although it may seem counterintuitive to many manual yard operators, taking empty trailers from inbound doors or loaded trailers from outbound doors is not always necessary until those trailers are needed elsewhere, or there is a new movement destined for the door.
  Our algorithm will always follow the rules of your operational flows, in the fewest and most optimal movements. Our decision engine will also use the most efficiently positioned yard vehicle to execute all tasks, not just the next driver who is available, since C3 Yard is always aware of all positions of trailers and yard vehicles at all times.

Optimize Physical Yard Checks

▸ Through total yard visibility and our reporting tool, your yard team can get a snapshot of the entire yard estate.
  This mean that all trailers, with their full up to date status, can be known instantly. This often saves a Full Time Yard Marshall from executing manual yard checks per site, a huge saving to any business (especially those with multi sites).
SaaS & the Cloud
Cloud-based software options mean the cost of acquisition has declined dramatically
This puts DSS (Dock Scheduling Systems) and YMS (Yard Management Systems) within reach of smaller companies. With no need for hardware, the roll out of our software is both time and cost efficient.

Standardized Systems
Web services technology now allows communication among applications and platforms through standardized protocols.
This enables quicker and cheaper communications than old solutions like EDI, and means that the YMS or DSS can be easily integrated with enterprise systems like warehouse management systems (WMS) or transportation management systems (TMS).

Mobile Devices
The ready availability, lower cost, and common operating platforms of current mobile devices means they can be used as the driver interface for YMS.
Companies can now leverage mobile with their own units, or rely on employees’ personal devices as the main or back-up interface.

Wireless Technology & Cellular Networks
Wireless technology & cellular networks have come a long way in recent years.
LTE and 4G/5G are robust enough to be trusted with the communications for a DSS/YMS. Expensive private networks are no longer required.
Bring Missing Yard Trailers Down to Zero

Via the automation of yard movement events, C3 Yard ensures all vehicles are processed in accordance with our customer’s requirements and priorities.

We can also notify your site teams if trailers have exceeded normal dwell times or load/unload times - giving you and your team full visibility and control over processing - resulting in never having to discover an unprocessed vehicle ever again.

Significantly improve your loading compliance and reduce damaged goods

Our Audit function allows a fault to be added to a given load by your dock or warehouse worker.

Attach a photo taken by their device (tablet, mobile) and instantly send an email to the given supplier, haulier, store or depot deemed at fault for the poor loading or damaged items.
With our free ROI calculator, determine instantly the savings you could achieve by using our Dock Scheduling System, C3 Reservations.

Get Your Free Estimate Now!
Request a Demo with a C3 Expert

Request a personalized demonstration of C3 Reservations, our best of breed dock scheduling software, or C3 Yard, our award winning yard management software.

Our product experts will walk you through the application via an online meeting center and answer your questions.

Book a Demo Now
We are dedicated to offer best of breed, mission-critical, enterprise dock scheduling and yard management solutions to its customers.

C3’s unique products allow customers to maximize the usage of their trailers, dock doors, dedicated yard staff and physical yard space. Since its founding in 2000, C3 has gained the confidence of clients around the world and across many industries including retail, grocery, distribution, manufacturing and parcel post.

Visit Our Website

Over 20 Years of Expertise • 1,200 Global Sites • 160,000 Active Users Worldwide