

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.



Solutions

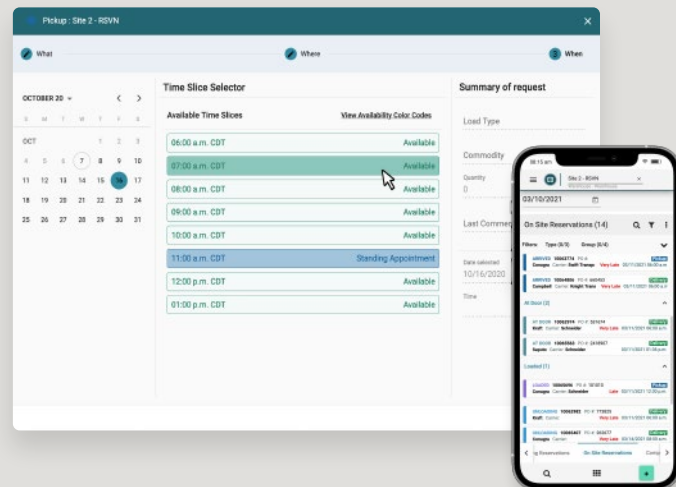
YOUR RETURN ON INVESTMENT

YOUR ROLE

PLANNING MANAGER



Reduce Up to 100% OF Emails & Calls on Bookings, Amendments and Cancellation Requests



Many of our new customers describe the challenges and stress involved with manually booking dock schedules for their vendors, carriers and brokers.

An average booking can have multiple phone calls, emails and even changes before it is finally fixed in the plan, not only is this an inefficient use of your teams' time, it also creates uncertainty with your vendors, meaning they may have a tendency to overbook or to under/overstate their volumes.

By simply logging onto **the carrier & vendor portal** (left), your trusted partners can view all their activity for a given day or week, book or amend their slot bookings at your sites and also view the real time status of given loads without the need to call or email your planning & booking teams.

As our system uses the **HTML5 progressive web** application, your partners can do this via their mobile or tablet device should they need to, making this an incredibly convenient and time saving.

The **Cost of failure** is something our clients talk about in detail when they start to work with us - often they are recovering mistakes caused by the manual system they used prior to going live with C3.

These mistakes can cost more than just the dollar value to rectify, also it is the impact that a missed load, driver fines, or unhappy carriers can do for your business reputation.

What You Can Do With Our Reservation Carrier Portal

Save Hours of Manual Work

- Reduction in administrative/clerical tasks.

Zero 'Out of Hours' Issues

- Whether making a booking or confirming the status of a reservation.

Remove Emergency Escalations

- No more emergency escalations when the warehouse or office is closed.

Full Visibility For All Your Vendors

- Full visibility for all your vendors, carriers and brokers of their plans as well as the status of their bookings and drivers on your sites - this capability reduces follow ups, emails and calls into your business team.

Automated Emails

- Our automated, system-generated emails to key stakeholders can assist you in your communication process, sending direct emails and notifications to relevant parties, informing them of arrival details, slot booking confirmation as well as confirmation of completed trips.

Reduce Overbooked Doors to Zero

Overbooking

- **Never overbook your schedule again!**
With full visibility and booking automation, your schedule will never get bookings it cannot handle.

Accurate Bookings

- **Ensure your dock schedule reflects your reality**
Never book loads outside operational hours, and never accept vehicles on incorrect doors or warehouses.

Capacity Limits

- **Never overbook your schedule again!**
Capacity limits are fixed to your schedule to ensure you only accept slots that can be completed in the given time window.

Real-Time Visibility

- **Give full real-time visibility to your dock teams and site managers.**
Never miss a heartbeat in your operation and remove idle workers

Full Visibility

- **Never overbook your schedule again!**
Full visibility on pallet or shipments volumes that will be arriving at your site.

Rigorous Planning

- **Get full visibility of what's to come in your schedule**
With dock plans that build over time, allow your operation to plan resources precisely.

Become a Shipper of Choice!

Our carrier portal ensures that your schedule is up to date in real-time, and that all bookings calculate your capacities precisely, meaning the correct slot and related time window is given to the relevant vendor/carrier.

The C3 Reservations scheduling tool is the key planning element of our software, and **allows shift and dock capacities to be set by day, by warehouse, and by door** - giving a dynamic and realistic plan for all inbound and outbound warehouse loads.

YOUR ROLE

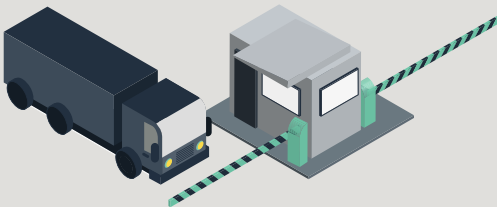
GATEHOUSE MANAGERS



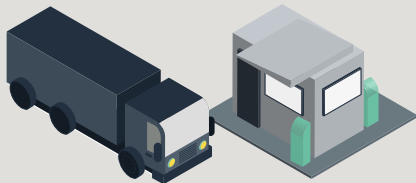
Remove 100% Of Queuing Delays at Your Facility

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.



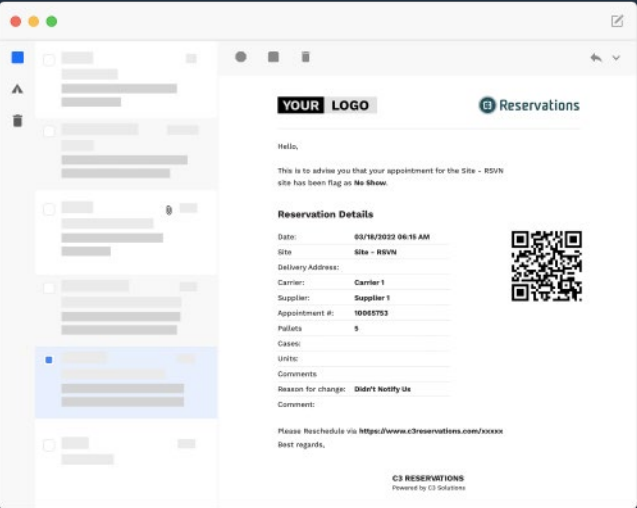
With our seal management capabilities, we can ensure even a **person-less gate** can be fully secure and only allow authorized drivers and vehicles on to your site.



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.

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.



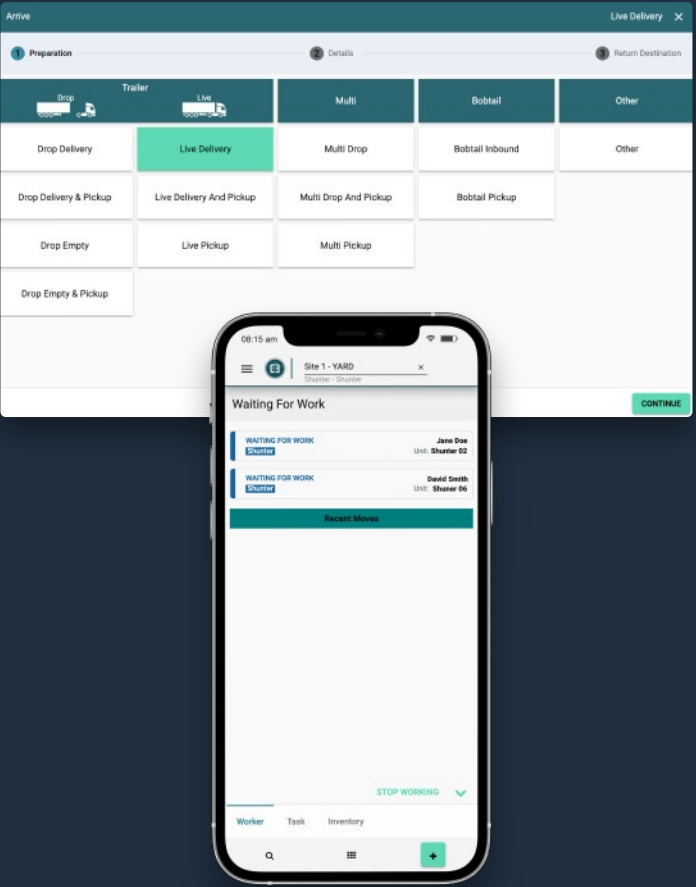
Improve Gate-in & Gate-out Times by 50%

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!



YOUR ROLE

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 ah-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

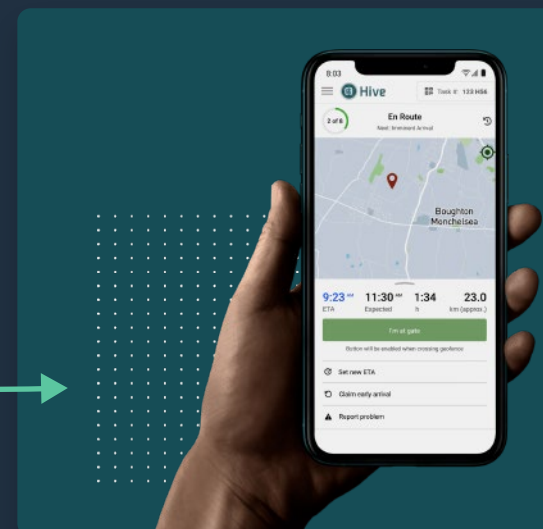
25%


- **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.





Hive

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

YOUR ROLE

YARD MANAGER & YARD DRIVERS



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.

Prioritize Movements

- **Ensure the most critical moves in your operation are always made first.**

Allow our business rule engine to ensure the optimal shunter or driver executes that job before others of less importance or priority.

Optimize Tasks for Yard Drivers

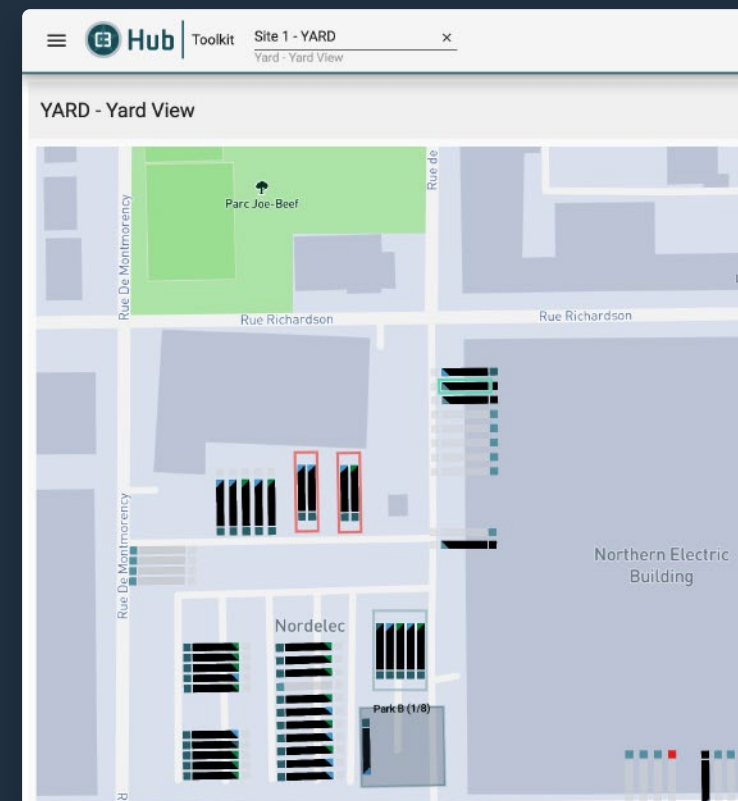
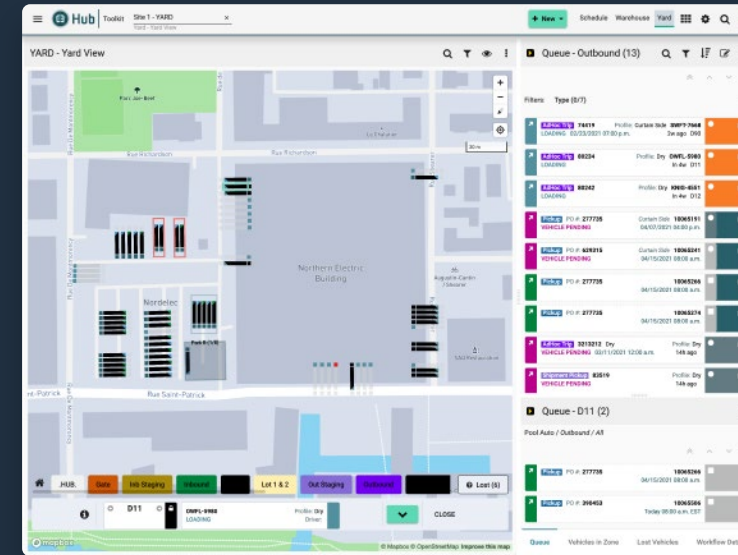
- **Managing yard drivers is the most costly part of your operation and is key to delivering service within your organization.**

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).



Solutions

YOUR RETURN ON INVESTMENT

YOUR ROLE

I.T. & DECISION MAKER



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.



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.



Standardized Systems Integration

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).



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.



Solutions

YOUR RETURN ON INVESTMENT

YOUR ROLE

SECURITY & LOSS PREVENTION



C3 Hub Toolkit Site 1 - YARD x
Dock - Outbound

Drop/Drop

Inbound

Event	Vehicle	Time	Location	Status
Delivery	10062693	4h 40m ago	D01	Ambient SCNN-6807
Delivery	10062826	6h ago	D02	Ambient SCNN-6722
Delivery	10062958	40m ago	D03	WENP-8916
Processing	SCNN-6523	1h 48m ago	D04	Dry 77537 SCNN-6523

Load Safety Checklist

APPROVED Site 2 - RSVN - Receiving 03/11/2021 09:00 a.m.

1. Is the trailer clean of debris? *	Yes	No	Comment
2. Is the trailer free of damage to the floor, ceiling or walls? *	Yes	No	Comment
3. Are the pallets stacked safely and securely? *	Yes	No	Comment
4. Is the trailer number posted on the inside of the trailer correct? *	Yes	No	Comment
5. Is there evidence of off odors, rodents, insects or other pests? *	Yes	No	Comment

CLOSE COMPLETE

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.



Calculate your ROI today!

Determine the savings you could achieve by using C3 Reservations.

[Watch a Video](#)

[Request a demo](#)

CALCULATE YOUR RETURN USING C3'S DOCK SCHEDULING SYSTEM

Please select your currency

US

How many schedulers are responsible for appointment booking at your facilities / offices?

What is the average hourly salary per scheduler?

First Name

Company Name

ALL FIELDS REQUIRED

C3 Reservations

How many inbound appointments do you receive per week?

How much time spent by schedulers conducting tasks related to scheduling?

How much time spent by schedulers conducting tasks related to scheduling?

Address for ROI Report

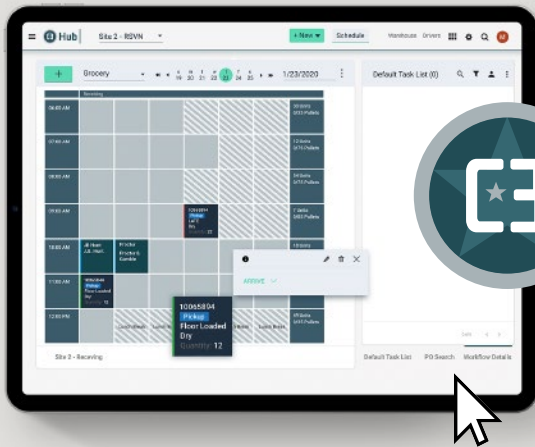
Phone Number

DOCK SCHEDULING

ROI CALCULATOR

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](#)



Greg Braun

CHIEF REVENUE OFFICER



Neil McEvoy

VP BUSINESS DEVELOPMENT &
CUSTOMER EXPERIENCE



Trusted for More than 20 Years

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

