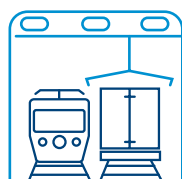




# Intermodal terminal solutions and services



Intermodal

Increasing efficiency  
and customer satisfaction

# Keeping the lead in terminal automation

230 terminals

2000 gate and transfer point kiosks

200K trucks registered each day

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## Camco Technologies

### Industry reference in vision-based terminal automation solutions.

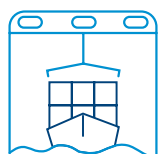
Camco Technologies develops and markets visual-assisted terminal, gate and crane automation systems and solutions for Container, Ro-Ro, Intermodal and Rail Terminals. Our products and solutions enable our customers to increase the efficiency, productivity, safety and cost effectiveness of their operations.

Our automation solutions have been designed to work in all conditions, for every terminal and with every process. The modular setup, carefully selected components and easy maintenance make our products the best choice for terminal operators looking for a solid and carefree solution.

As a recognized leader in OCR (Optical Character Recognition) and OFR (Optical Feature Recognition) we offer the best accuracy rates in the market, minimizing the number of manual interventions, even in the most challenging circumstances.

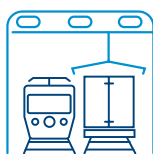
Being a long-term player in the marine and railroad market, Camco offers a unique combination of high-class products, high-end engineering and high-value expertise of terminal and gate operations. Exceeding customer expectations is our ubiquitous goal. We are therefore the best partner for developing and implementing your turnkey terminal and gate automation solutions.

## CAMCO MARKETS



### CONTAINER TERMINALS

Gate automation for truck, train and vessel. Access control, yard interchange and position detection systems. Camco's solutions empower your terminal to detect and register all incoming and outgoing traffic.



### RAIL & INTERMODAL TERMINALS

Automatic registration of railcars, containers and semi-trailers facilitates the job of planners and equipment drivers, enhancing overall efficiency and safety.



### RO-RO TERMINALS

Gate automation and condition tracking systems for Ro-Ro terminals handling containers and trailers. High definition pictures allow effective damage claims management.

## CAMCO SERVICES

### DESIGN, SIMULATION AND ANALYSIS

From the design phase on, our engineers ensure that system design meets your requirements, eliminating bottlenecks to maximize throughput and efficiency. Camco designs and implements engineered solutions tailored to your terminal and operations.

### PROJECT MANAGEMENT, IMPLEMENTATION AND TRAINING

Solid project management, implementation and training follow Camco's proven methodology built on long-standing experience.

### MAINTENANCE & SUPPORT

Camco's engineered solutions comply with the highest standards. 24/7 remote support is available. The integrated support tools allow for diagnosis and remote follow-up of your installation, reducing and even eliminating the risk for downtime.





## Intermodal automation

### Enhancing the container and trailer handover process

Internet of Logistics (IoL), Big Data and Artificial Intelligence are transforming gate, rail, crane and yard operations. Intermodal and inland terminal operators are increasingly investing in digital transformation and terminal automation. Camco is a pioneer in innovative rail and intermodal automation solutions.

Our product and services portfolio is designed to identify and track movements of railcars, containers,

semi-trailers as well as trucks at the truck gates, on the tracks or in the yard. This allows Intermodal and inland terminals to significantly reduce errors, avoiding losing time, hence increasing efficiency and profitability. All Camco identification solutions include condition recording, providing visual documentation for handling possible damage claims of containers, chassis and even truck tires.

## From a step by step integration to full automation

Camco has an enviable track record of automation solutions installed in **more than 100 Intermodal terminals including 50 Intermodal terminals for all North American Class 1 railroads**. Our market reference technology integrates seamlessly in fully automated terminals. However, some terminals will never justify the cost of advanced automation. The plug & play design of our Camco solutions enables phased implementation.

As often, a gate system will increase efficiency in smaller terminals with limited automation soon after implementation. As business develops, the scalability of the Camco solutions allows it to expand accordingly, always matching the required need of automation. Assessing terminal processes and understanding customers' needs is mandatory in defining to what extend automation can help improve terminals overall performance.



# Camco gate solutions

## ACCURATE DATA RECORDING

Gate automation is usually the first step in terminal automation. Knowing truck, container or trailer inbound and outbound moves is key for terminal planning and housekeeping optimization. At the same time, automated condition recording provides visual proof of container or trailer damage, a real asset for handling possible damage claims.

## SPEEDING UP THE GATE PROCESS

Camco's Gate Automation Solution enables Intermodal and inland terminals to automate the processing and validation of truck, container or trailer data. Our state-of-the-art camera portal scans all in- and outbound trucks and trailers and automatically detects items such as container number and ISO code, trailer ILU number and yellow plates, license plate, dangerous goods labels. By feeding this info to the gate and TOS system, gate processing speed can be accelerated and errors reduced. For advanced gate automation, Camco has developed a Vehicle Booking System, with complementary mobile app, enabling terminals to organize the receipt and dispatching of containers. Pre-registration of drop-offs and pick-ups helps to flatten out gate traffic and remove peaks at the gates. This helps avoiding traffic congestion and improving general housekeeping.



## SEAMLESS TOS INTEGRATION

Camco's gate systems include proprietary gate kiosks, camera portals, Vehicle Booking System (VBS), and multi-feature Gate Operating System (GOS). Camco's GOS manages all gate equipment and has proven to seamlessly integrate with many different common and proprietary TOS systems among which, Interman, Modality, Tideworks, Samskip, Cofano, NAVIS Octopi.



Vehicle Booking System



Truck OCR Portal



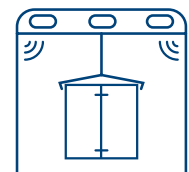
Gate Kiosk



Traffic Control



Gate Operating System



RMG Crane OCR



Rail OCR Portal

## A track record of 100+ intermodal terminals! Empowering through innovation and automation.

Every terminal is different. But the basics of the container handling processes are often very similar. Trucks enter the terminal through access points and drop containers or semi-trailers in the yard or near a waiting

train. Expanding capacity for expected growth requires automation of the processes. Camco Technologies offers a complete set of performance tools to increase efficiency of every step.



Vehicle booking system



Truck OCR Portal



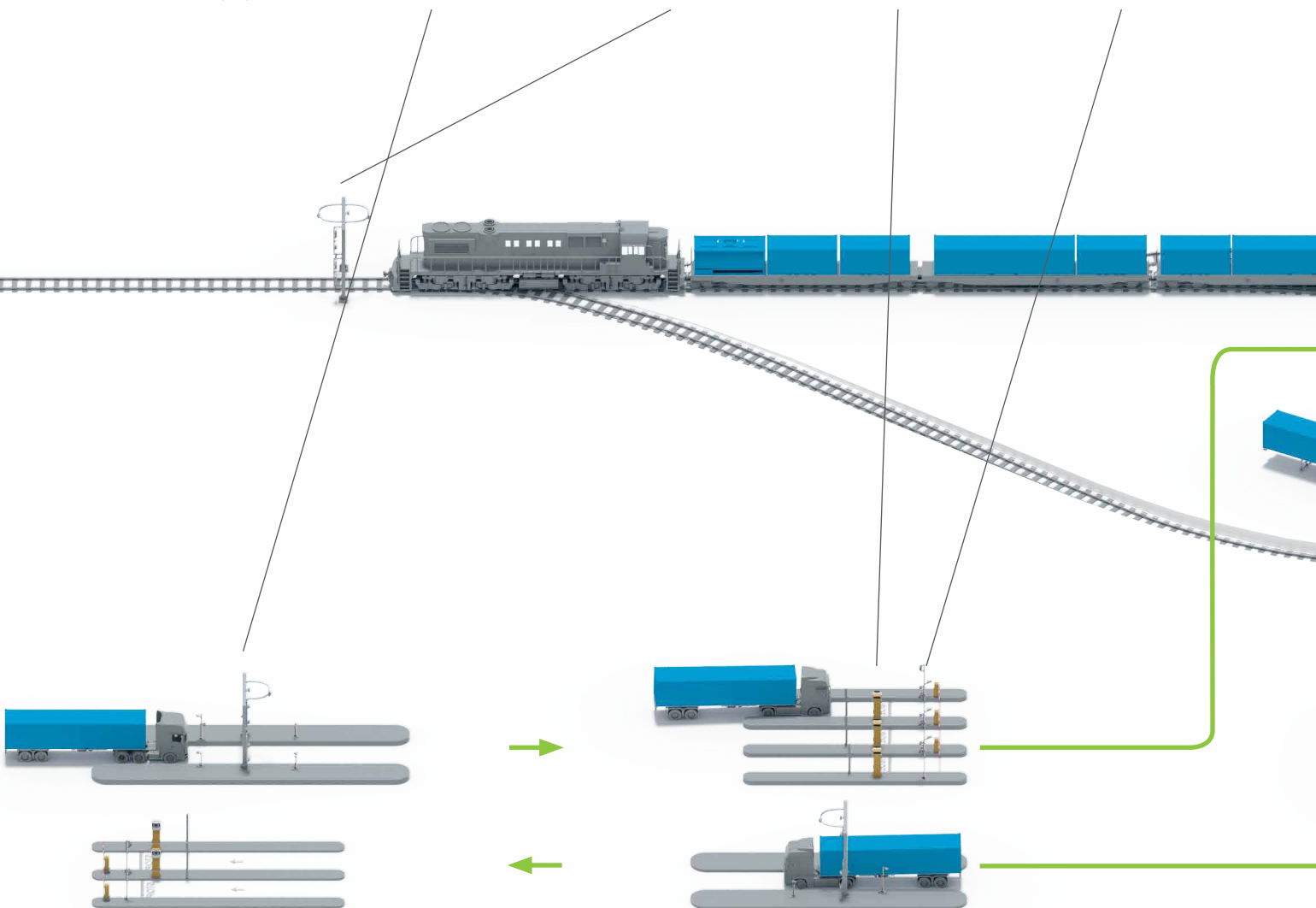
Rail OCR Portal



Gate Kiosk



Traffic control

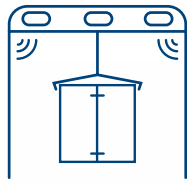




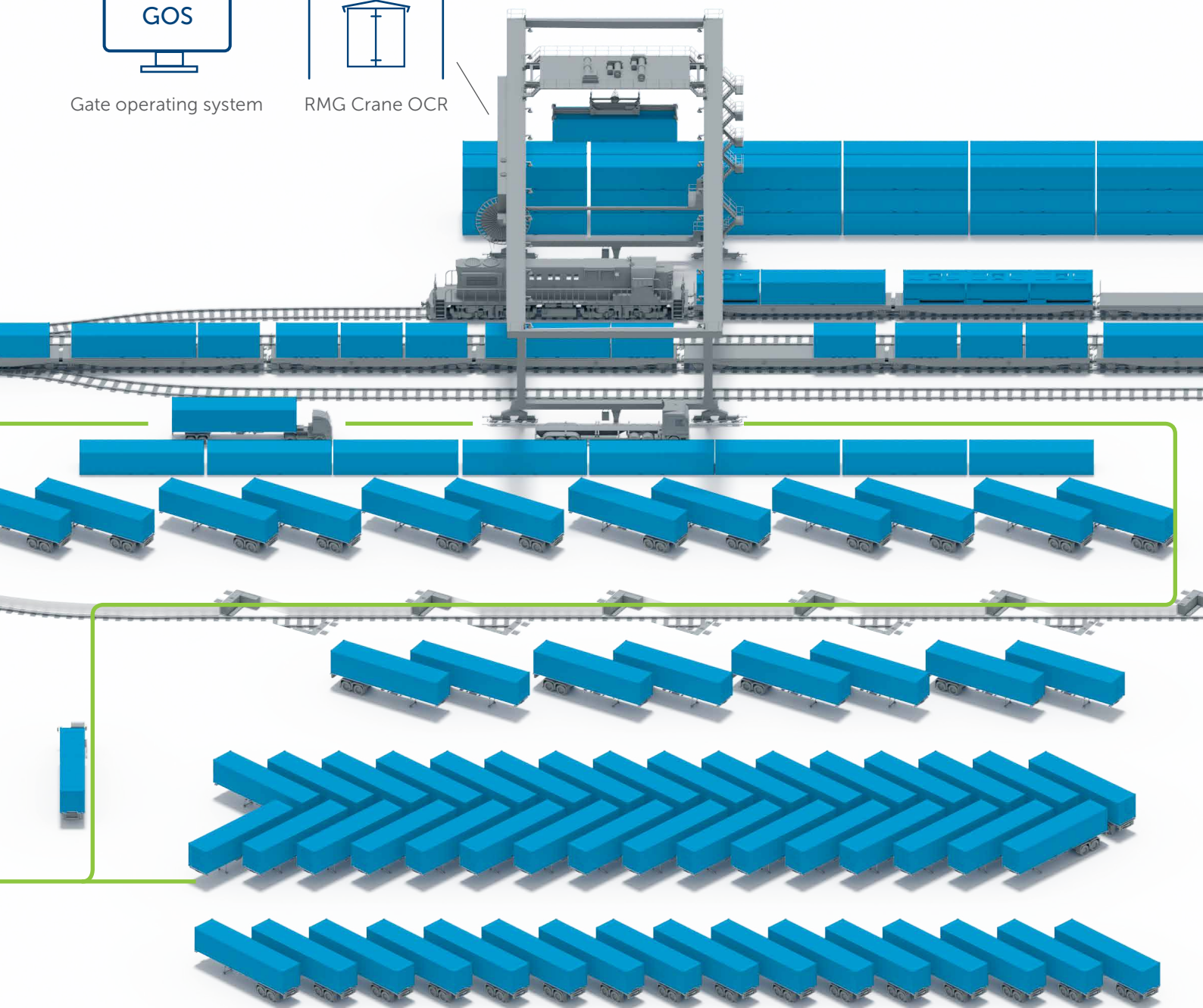
“Automation tools reduce manual data entry up to 95%, eliminating human error”



Gate operating system



RMG Crane OCR



# Vehicle booking system

Connecting terminal, haulers & truck drivers

The Camco VBS or truck appointment system is an intuitive truck booking tool connecting Intermodal, transport companies and truck drivers. VBS enables the efficient management of incoming and outgoing transport, ensuring efficient intermodal truck gate operations and minimal truck turnaround times. The better truck-flow avoids traffic congestion and considerably avoids service desk interventions.

In combination with time slot allocation, the web-based Camco VBS can set time slots and quota for gate

transactions to distribute container drop-off and pick-up throughout the day. Flattening out traffic peaks allows reducing traffic congestions, the number of gates and gate footprint. An even flow of arrivals contributes to better housekeeping, as well as better yard and train planning.

An optional VBS mobile app enables individual truck drivers to better manage drop-off or pick-up jobs and complete missing data before presenting at the gate allowing immediate access.

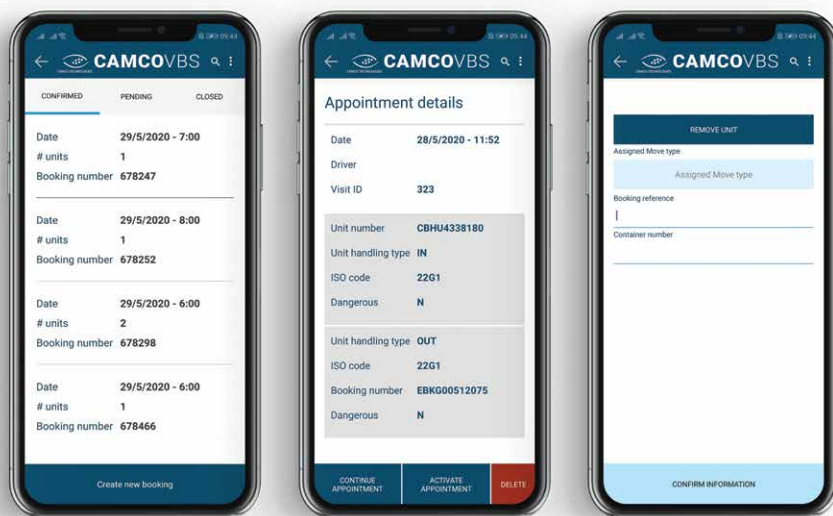
## Web based intuitive appointment management tool

- Connecting terminal, freight contractors and truck drivers
- Pre-register visit and loading info
- Extendible with quota and time slot allocation
- Optional mobile VBS app for truck drivers
- Seamless integration with GOS and TOS



# Better management of in- and outbound trucks

- Better truck flow control, shorter truck turnaround
- Improved gate management at peak moments
- Fewer service desk interventions
- Increased throughput
- Improved housekeeping
- Truck companies: Faster truck turnaround time
- Truck drivers: immediate access to in-gates, better time-management
- Seamless integration with GOS and TOS



**ON-THE-GO  
PRE-REGISTERING  
APP FOR OPTIMAL  
TRUCK FLOW**

## VBS: A WIN-WIN SITUATION

### INTERMODAL TERMINAL

- Better truck flow, shorter truck turnaround
- Improved gate management at peak moments
- Fewer service desk interventions
- Increased throughput
- Improved housekeeping

### HAULER

- Improved time-management
- Faster truck-turnaround times
- Immediate feedback on booking details
- Avoid wasted journeys or gate idle times
- Mobile app: better communication with drivers

### TRUCK DRIVER

- Better time-management
- Faster truck turnaround times
- Better communication
- Reduced administration at gates
- Fewer mistakes or redundant trips

# Truck camera portal

Automated registration of trucks, trailers & containers

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## Fast and accurate registration of trucks and containers

Camco's AI vision technology significantly increases speed, accuracy and throughput at Intermodal terminal truck gates. Truck and load data are registered at the truck camera portal and sent to the TOS for verification. The powerful cameras run on the latest generation of OCR/OFR engines based on convolutional neural networks and AI, pushing recognition rates to a maximum

and exception jobs to a minimum. Line-scan cameras provide crisp images of containers and trailers left, right and top sides, providing a powerful and automated solution for condition recording. Manually performed visual inspections for train inventory and condition tracking purposes belong to the past.

## The industry reference truck camera portal

- Check all in or outgoing trucks
- Features non-stop truck flow at up to 15 m/s
- High throughput: up to 300 trucks/h
- Supports identification of containers and semi-trailers incl. types and sizes
- Supports US chassis numbers
- Crisp images of truck and cargo left, right and top side for condition recording
- Area scan of truck's front & rear
- Integrated service desk for exception handling
- Seamless TOS integration

# Customized solutions for increased efficiency

Camco OCR/OFR systems are flexible in use and modular in setup, providing customized solutions accelerating gate throughput while minimizing truck processing time.

- Improved TOS planning and better use of resources
- Efficient claims management
- Smaller footprint and higher gate efficiency leading to better use of real estate
- Simple and solid structure
- Highest accuracy and lowest number of exceptions
- 24/7 availability



## IMAGE RECOGNITION BASED TECHNOLOGY

### OCR

- Container number & ISO code
- Container weight & capacity info
- IMDG labels presence and class
- License plate reading (LPR)
- Chassis number & TARE weight
- Trailer & ILU number
- Trailer yellow plate
- Trailer rear license plate\*
- Enhanced tank identification\*

### OFR

- Container door orientation
- Cargo classification
- Container position on chassis
- Tank bars & valve presence
- Seal presence and class
- GENSET presence\*
- Wheel & axle configuration\*
- Tank container cameras\*
- Trailer ADI
- Container ADI\*

## OTHER IDENTIFICATION TECHNOLOGY

- RFID seal reading \*
- Trailer length measurement \*
- Overheight & overwidth\*
- Truck height measurement\*
- Truck ID windshield RFID reading\*
- Weighbridge integration\*
- Tire Inspection Portal System\*
- Vehicle Undercarriage Inspection\*
- Chassis condition recording\*

\* Requiring additional hard- and software



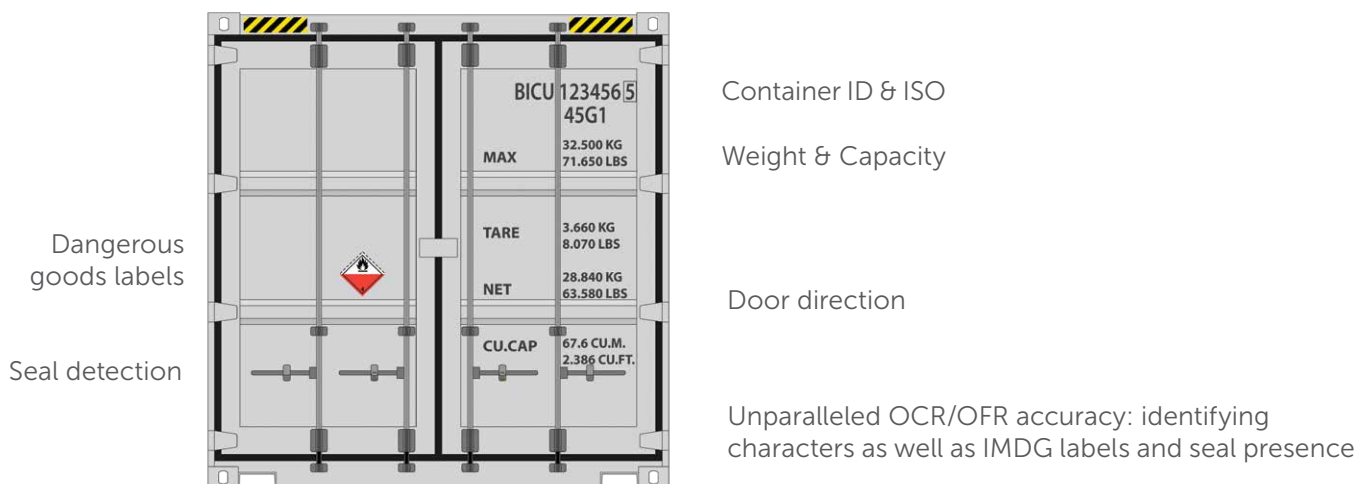
## Reading standardized ISO containers

According to ISO 6346, all standardized ISO containers and CEN-standardized containers or SWAP bodies must be marked with the 11-digit container identifier as well as with the 4-digit ISO container size and type code.

Camco's truck portal is capable of perfectly reading container and truck ID, but also additional markings and features such as IMDG labels, door direction and seal presence.

### UNMATCHED ACCURACY

| OCR                |      | OFR                |      |
|--------------------|------|--------------------|------|
| Container number   | >95% | Container position | >99% |
| Container ISO code | >98% | Door direction     | >99% |
| IMO placards class | >93% | Seal presence      | >95% |
| Container weight   | >90% | Empty chassis      | >99% |



## Reading semi-trailers and swap bodies

For identification, semi-trailers in Europe require an Intermodal Loading Unit or ILU code, similar to the standard container ID. From 1 July 2019, all loading units for Combined Transport (cranable semi-trailers, non-ISO standard containers, swap bodies) must also include a

railway-specific yellow code number plate. This additional yellow plate defines size and type of the loading unit: gauge, length class, XL code etc. For a loading unit to be carried out on a particular route, its gauge codes must not exceed that of the lines making up that route.

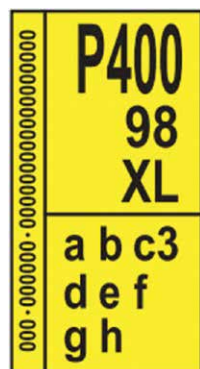
### ILU CODE (INTERMODAL LOADING UNIT)



Trailers with ILU code and yellow plates.

### YELLOW CODE NUMBER

The yellow plate defines size and type of semi-trailers (left) and swap bodies (right).



Gauge info  
Carriage height to be set for a pocket wagon  
Indication of the structural rigidity  
All compatible codes indicating the pocket wagon design for which the semi-trailer is suitable and can be loaded



Gauge info  
Length class of the swap body  
Width of the swap body  
Indication of the structural rigidity

The linescan image shows a trailer including ILU code and yellow plates, as captured by the Camco camera systems.



## Reading vehicle / cargo damage

### ADI: A powerful tool for damage claims management

Road and docking accidents, lifting operations and collisions, vandalism or just wear can cause damage to trucks and cargo outside or in the terminal. The Camco truck camera portal provides vision-based Automated Damage Inspection (ADI) capable of detecting damages to trailer bodies, container bodies, rooftops, chassis and wheels. The same high-quality line scan and area scan

images used for OCR/OFR processing are used for the ADI processing. When a trailer or truck drives through the truck camera portal, our systems automatically detect any damages. Automated damage registration will help terminals, logistics companies or trailer and leasing companies in case of damage disputes.

#### REAL-TIME DAMAGE DETECTION

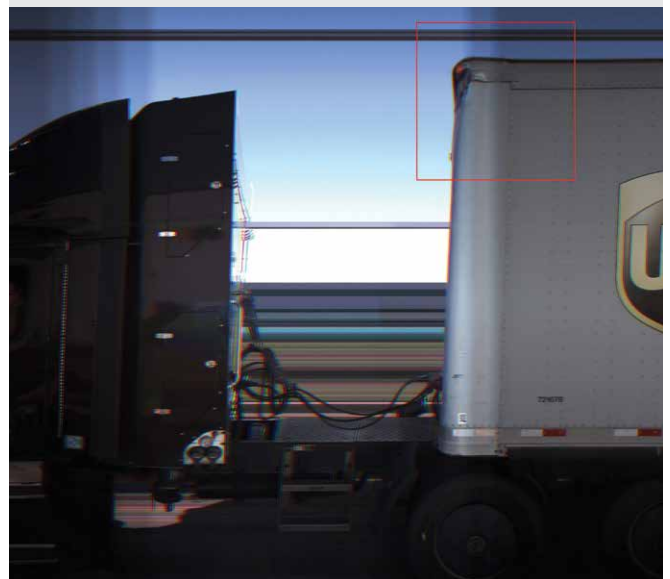
- Automated documentation of damage to vehicles and cargo
- Detailed documentation in case on damage disputes
- Increased protection of cargo
- Increased road safety: inspection of wheels, tires, head lights etc.
- Fewer manual checks



*Trailer with damaged bottom rail, often due to lifting operations.*

#### AUTOMATED DAMAGE REGISTRATION

- Vehicle/cargo body damage: scratches, dents, holes, bulges, vandalism, tape patched tears
- Vehicle/cargo roof sheet damage: tears, holes, dents due to low clearance bridges and overpasses
- Damages/missing side skirt, damages/missing landing gear
- Missing mud flaps
- Damaged or worn tires
- Bent frames



*Trailer with damaged front top, often caused by hitting low clearance bridge or overpass.*



1

 **combinant**  
combined terminal antwerp

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# Gate kiosks

## The industry standard gate solution

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Camco's in-house designed gate kiosks serve as self-service terminals where truck drivers can perform identification and registration tasks while remaining seated in their truck-cabin. All data is instantly checked with the TOS.

This self-service access registration concept eliminates the need for gate staff substantially, reducing operational costs while increasing availability of the gate. In addition,

a well-designed process flow will reduce the gate processing times hence increasing overall throughput per gate.

The built-in Access Control system manages the overall security and safety of the terminal. The Camco Service Desk application enables gate operators to remotely handle exceptions or solve problems without the need to physically come on-site.

## Intuitive & effective user interface

Easily accessible touch screens with multi-language support provide a user-friendly interface for truck drivers. Simple and unambiguous instructions lead the truck driver through the transactions. If required, the driver can set up a call to the helpdesk using the VoIP intercom.

**1000+ KIOSKS INSTALLED!**



## The modular gate kiosk solution

- Truck driver self-service terminal
- Intuitive driver interface
- Ergonomic and robust design for harsh environments
- Various RFID reader and biometric reader support
- VoIP intercom with face camera
- Ticket printer for EIR and interchange routing
- Supports Camco Vehicle Booking System application
- Plug & Play modules for easy maintenance and fast repair
- Extensive remote diagnostics and management software
- Full range of kiosk heights adapted for car, person, truck use



### MEETING CUSTOMER NEEDS

- Access control: improved safety and security
- Reduced truck turnaround time
- No gate personnel required
- Increased gate throughput
- Easy servicing and maintenance
- Increased gate efficiency, reduced Opex
- Seamless integration with TOS





# Gate operating system

## Managing the complete gate automation process

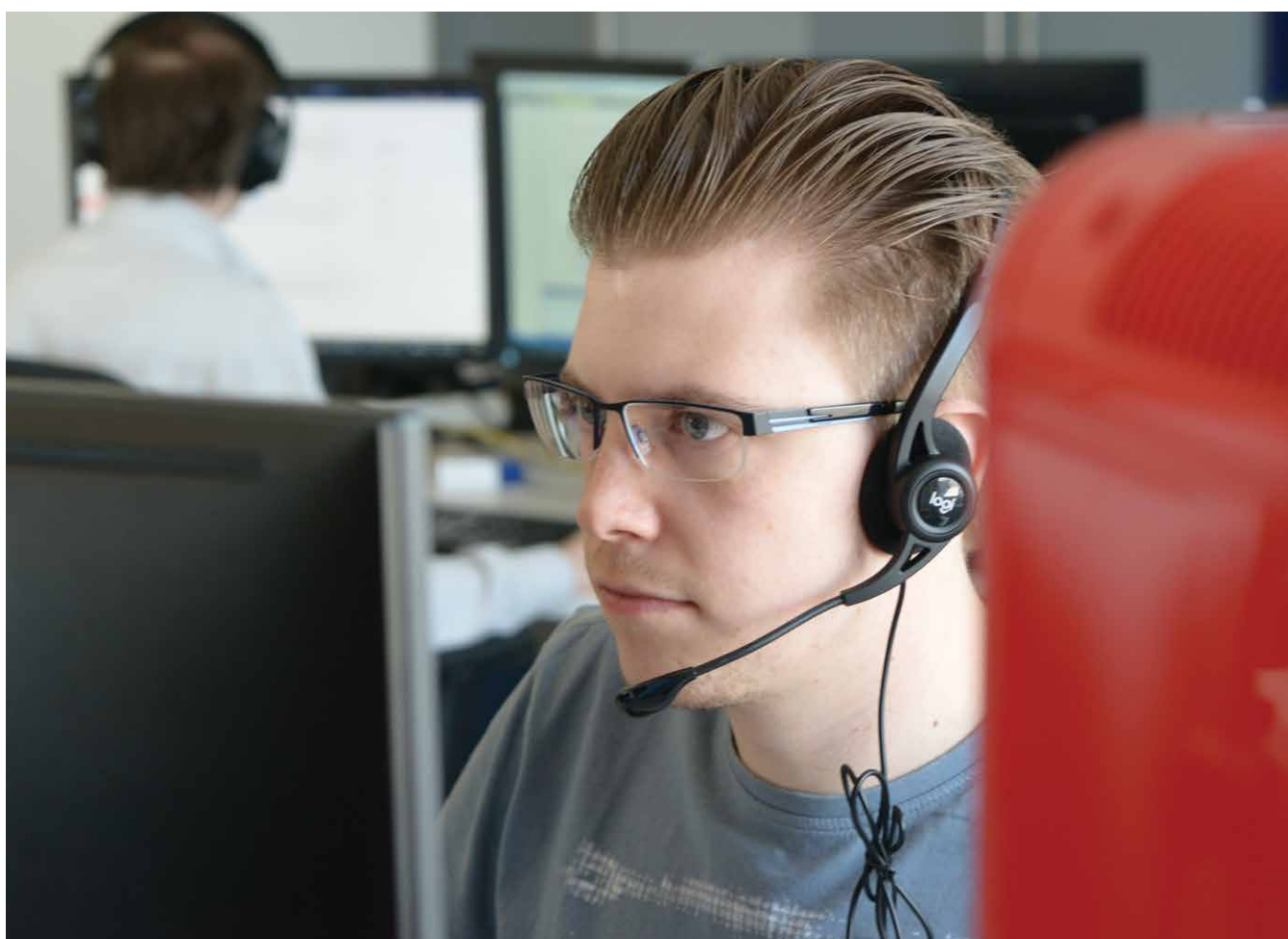
Camco's proprietary GOS software suite is specifically developed to manage all gate processes and sub-processes used in intermodal terminal operations such as gate processes, kiosk screens and other specific interfaces or applications like VBS.

To allow customization the GOS consists of a set of standard components in combination with custom software development. This concept provides an optimal balance between flexibility and stability, and provides customers with a tailor-made gate process within time and budget.



## Camco gos: making everything work together

- Powerful and modular software, based on .NET.
- Proven interfaces with major TOS systems: Interman, Modality, Tideworks, Cofano, NAVIS Octopi, Samskip...
- Simulators on different levels to accelerate the integration process.
- Supports all major databases (Oracle, DB2, SQL Server, ...).
- Supports multiple communication standards (TCP/IP, SOAP, FTP, jms, web services, ...).
- Supports server virtualization (VMware,...).
- Supports numerous process points, such as kiosks, operators, camera portals, access points.
- Gate processes fully customizable to every specific gate operation.
- Visual overview of gate operation, via graphical user interface.
- Web extension for browser operation.
- Real-time process monitoring.
- Multilingual support for kiosk and operator screens.
- Support for interfacing with access control equipment (ISPS security, traffic barriers, traffic lights, ...).
- Built-in monitoring and diagnostic capabilities.



# Crane OCR solutions

## RMG-CAM: Double checking container and trailer data during crane operations

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The Camco RMG-CAM camera is designed for increased efficiency in raiiside and landside operations. Complementing the Camco Rail Camera Portal with the RMG-CAM will take automated container handling to the next level: the camera portal creates an inventory of containers from all incoming trains and shares this with the TOS; the RMG-CAM performs an additional check to validate load lists and avoid inventory errors.

The new RMG-CAM camera system automatically captures, identifies and registers containers or trailers during handling by Rail Mounted Gantry Cranes, without disrupting crane operations: there is no impact on the container's or trailer's flight path nor the crane's uptime. A typical setup is based on a pair of high-end industrial high-speed cameras fixed onto the RMG crane legs.

With unobstructed views towards the container's flight path, the cameras will capture images of each passing

container's front and rear, on a fix height or within a window of 10 meters by use of a dynamic rail solution.

With images of long sides available from the Rail or Truck OCR portal, data can be double-checked and more pictures are available for condition recording. To support 24/7 operations in all weather conditions, the cameras are equipped with built-in LED light projectors which produce optimal on-demand light conditions.

Seamless TOS integration ensures that the data is instantly sent to the TOS, ultimately improving operational efficiency. Camco RMG-CAM crane OCR solution is highly accurate and engineered for reliability and high availability. The RMG-CAM can be mounted on service rails, allowing easy access for maintenance. The system's guaranteed longevity results in short ROI times.



# The most performant RMG OCR/OFR system

- Automated container registration
- Container front and rear check
- Supports 20/40ft containers
- Unclosed door and seal presence check
- Exception handling through Crane Operator Application
- Optional service rails for maintenance
- Seamless TOS integration



## 3 CONFIGURATIONS

- Fix, service or dynamic rail mounted cameras
- 5 or 12 MPixel version
- Integrated light projectors
- Supports up to 30° rotate of the container/ intermodal box
- Supports a vertical window of 10 meters (dynamic rail mounted)
- Service and dynamic rail solution supporting washing station



### WASHING STATION: Wash & go front cover cleaning for optimal picture quality

To limit downtime for interventions, the Camco RMG CAM can be equipped with a patented washing station module, mounted just above the service position.

The optional cleaning device is automatically triggered when image quality becomes poor due to dust or rain.

Depending on image quality a blower or sprinkler system will clean and dry the camera front cover, producing crystal clear pictures reducing exceptions handling due to blurred images. The blower and sprinkler system are activated separately, saving on water and unnecessary reservoir refills.

# Rail OCR/OFR solutions

Automatic registration of containers,  
trailers & railcars

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Camco's Rail Solution scans the trains and captures crucial data while trains enter the terminal, without hindering or delaying operations. This allows terminal and rail operators to automatically compare the data with train and cargo information provided by the departure terminal. It is also a powerful tool for terminal operators to perform or update train inventories, associating

container data with railcar and train positioning enabling faster train loading and discharging, hence improving train turnaround time. The Camco Train Gate Operator software enables exception handling of multiple rail portals even from one single remote location. The optional Camco TrackView tool supports live shunting when combined with railcar RFID technology (AEI tags).

## Start processing trains without delay

With automated registration of railcars and cargo, the exact position of every container on an identified wagon as well as corresponding pictures become available instantly. The immediate availability of train configuration and container data makes it possible to start processing the cargo without delay reducing container or trailer

dwell time. Rail clerks no longer have to check numbers near the tracks or near container handling equipment increasing safety but also reducing registration errors. Additional pictures of a railcar or trailer's top also come available, adding information for condition recording.

## State-of-the-art OCR/OFR technology

The Rail OCR portal is equipped with Camco's powerful OCR/OFR engines. When an in- or outbound train drives through the camera portal, the line-scans generate high-quality images of each container and trailer left, right and top side, while optional area scans take images of the container front and back. The system is also able to return the exact position of every container on an identified railcar. Collected data is identical to Camco

Truck OCR/OFR including container or trailer number, ISO code, railcar number, IMDG label and door direction. The system is capable of supporting single and double-stack trains as well as single and dual-track rails. Seamless TOS integration ensures the data is instantly available for processing, ultimately improving train turnaround time. Besides OCR technology, the system also supports AEI tags reading for the US and Australian markets.



### CAMCO RAIL PORTAL: BEST IN CLASS ACCURACY

- Container number and ISO code
- Trailer number
- Railcar number
- Dangerous goods label (IMDG)
- Door direction

### VISUAL INVENTORY OF COMPLETE TRAINS

- Automated identification of containers and trailers
- Optional pictures of container front and rear (where possible)
- Supports double track trains and doubled stacked containers
- Supports American & Australian AEI tags
- No limitations in length of train
- Supports shunting
- Seamless integration with TOS or other host systems

### INCREASED OPERATIONS EFFICIENCY

- Fast and accurate data
- Reduced dwell time through automated inventory recording
- Better claims management due to crisp images of top and long side
- Reduced errors
- Increased safety



# Camco train gate operator: Intuitive exceptions handling tool

Before the OCR data is sent to the TOS, the operator verifies the data and images using the Camco Train Gate Operator application, also known as the TGO. Operators can use the tool to visually inspect the condition of each container and railcar, and verify, correct and validate the

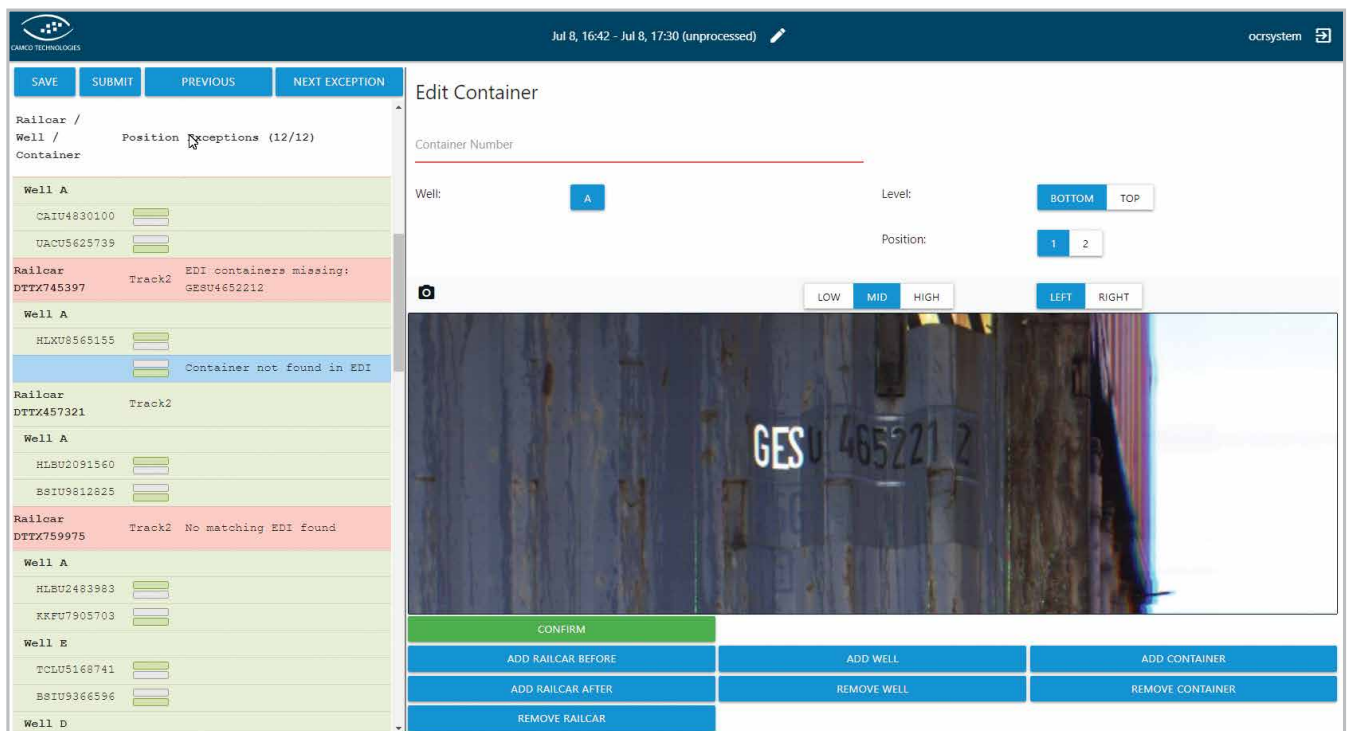
OCR/OFR data. Remote use of the Train Gate Operator for one or multiple sites is perfectly possible. When the collected information is complete and correct, the data is sent to the TOS for further processing.

## Managing exceptions anywhere

|   |  |
|---|--|
| <b>VERIFY, CORRECT AND<br/>VALIDATE OCR/OFR DATA</b>                  | <b>VISUAL PROOF FOR<br/>PROCESSING DAMAGE CLAIMS</b> |
| <b>LOCAL OR REMOTE<br/>POST PROCESSING OF<br/>TRAIN CONFIGURATION</b> | <b>MANAGE MULTIPLE<br/>SITES FROM 1 DESK</b>         |

In the Camco Train Gate Operator application, operators can correct or validate data fields, such as shown

below. High-resolution OCR/OFR images relevant to the exception are shown in a separate panel.



All images captured by Camco's rail portal cameras are stored (on customer premises) and made available for further use, such as damage claims management.



## Camco trackview:

### Recompiling trains during shunting

In the US, operators can view a real-time inventory of the railcars on the shunting tracks using Track View functionality, based on a combination of rail portal with RFID technology: with container RFID tags and readers

on each shunting track, operators are able to recompile the exact train composition including all OCR/OFR data and images. When railcars are moved, the inventory is updated accordingly.

## Camco trackview:

### The ultimate keeping-track tool

- Real-time inventory of railcars
- Supports live shunting
- Increased safety

Camco Trackview: Real-time shunting yard inventory

| Select                              | Track  | #Wells | #Units | Direction | Last Activity       | State   |
|-------------------------------------|--------|--------|--------|-----------|---------------------|---------|
| <input type="checkbox"/>            | Track1 | 2      | 4      | inbound   | 2018-04-28 05:21:51 | PENDING |
| <input checked="" type="checkbox"/> | Track1 | 0      | 0      | inbound   | 2018-05-28 02:57:35 | OPEN    |
| <input type="checkbox"/>            | Track2 | 1      | 0      | inbound   | 2018-05-28 02:39:20 | READY   |
| <input checked="" type="checkbox"/> | Track3 | 22     | 61     | inbound   | 2018-05-17 02:31:24 | PENDING |
| <input type="checkbox"/>            | Track3 | 0      | 0      | inbound   | 2018-05-28 02:29:02 | OPEN    |
| <input type="checkbox"/>            | Track4 | 0      | 0      | inbound   | 2018-05-27 23:15:27 | OPEN    |
| <input checked="" type="checkbox"/> | Track5 | 2      | 0      | inbound   | 2018-05-28 01:55:11 | READY   |

# Maintenance & services program

We service, you operate!

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As Camco's automation systems become an essential part in Intermodal daily operations, it is key these systems are properly maintained and incidents swiftly resolved. A Service Level Agreement will enable Camco's Intermodal Automation hardware and software solutions to perform at set-point. Preventive maintenance will

increase longevity of the equipment, reducing OPEX and ultimately improve bottom-line. Depending on the complexity of the Camco Intermodal automation solution, Essential, Complete or Premium SLA ensure your systems will perform as designed so you can focus on operations and value creation.

## Camco Maintenance and Support SLA

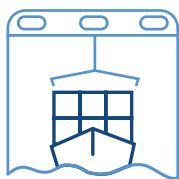
### Hassle-free operations, maximum uptime

- Service desk and remote support
- Software services
- Hardware: preventive and reactive maintenance
- On-site interventions
- Spare parts management
- Hardware audit
- Training
- Reporting
- SLA review etc

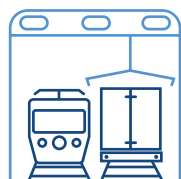




# “Empowering Intermodal terminals through automation.”



Maritime



Intermodal



Ro-Ro



Logistics

Camco Technologies is a pioneer in the automation of the container hand-over process. The Camco Technologies image recognition and location-based automation solutions provide accurate and essential data for terminals to optimize operations. Our proprietary hardware and software solutions integrate seamlessly with any terminal operation system and are implemented in more than 250 terminals all over the world.

**We automate, you operate.**

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