

Yard Crane OCR

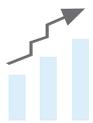
Visual validate container and truck attributes

CERTUS OCR Solutions for YARD Cranes automatically validates the hand-off process between the Terminal Tractors as well as Street Trucks and the Yard Cranes. Yard Crane OCR is the only process automation system that, similar to a person, visually validates the container and truck attributes of every transaction. This improves the stack accuracy and velocity of the terminal.

INCREASED ACCURACY, MINIMAL INTERVENTIONS

The main benefits

Primary benefits of YARD CRANE OCR for RMG and RTG Cranes include:



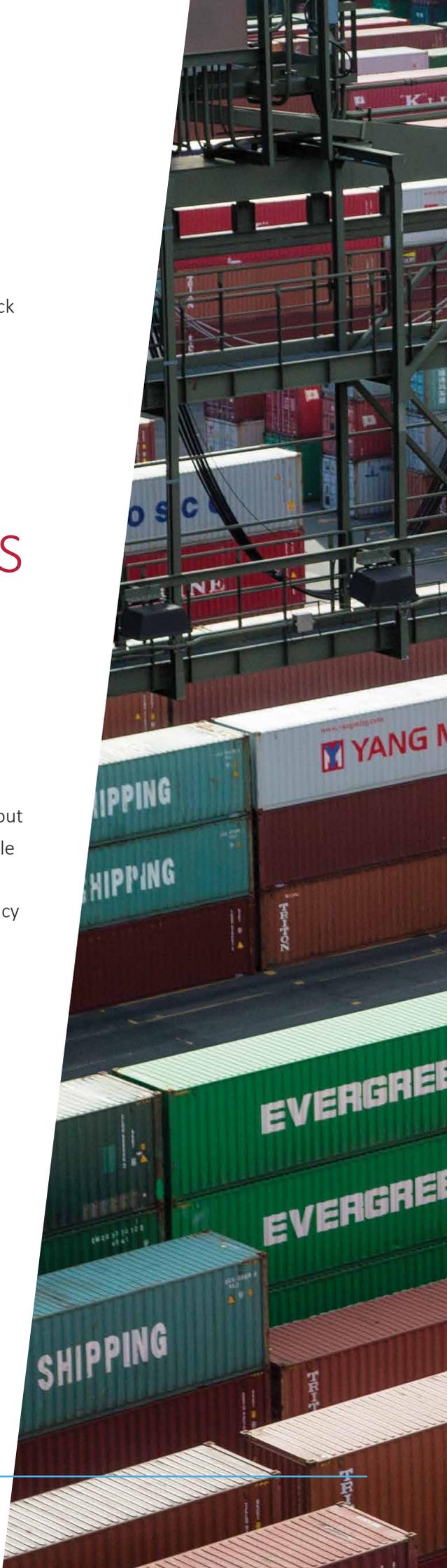
Improved Productivity: Data and images are captured without disrupting crane operations. Data becomes real time available in the TOS, improving operational efficiency. This results in higher throughput and improved container inventory accuracy and is essential when moving towards a 1-n (1 to many) remotely operated yard crane operation.



Transaction accuracy: By visually validating the container and truck attributes, the stack accuracy and velocity of the terminal improves. The OUT Gate no longer has to send trucks back to the yard because they received the wrong container; Mislaced containers are prevented by automatic validation of container information and the stacking location.

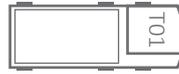


Safer work environment: No physical inspections in the yard stacking area, no clerks are required to acquire container positions in case of any stack errors, less clerks having to work under heavy equipment.



What does the system recognize?

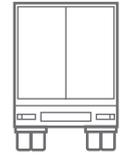
Crane OCR by CERTUS can recognize nearly all container details being handled by the STS Cranes.



TERMINAL TRACTOR
ROOF TOP NUMBER



TRUCK LPR
(front)



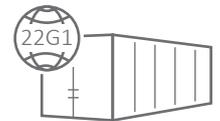
CHASSIS LPR
(rear)



CHASSIS NUMBER



CONTAINER CODE
(Sea Shipping)



ISO CODE



WORKING ON NEW
FEATURES EVERY DAY

Main System Functions

Job Promotion

System identifies every street truck/terminal tractor moving or passing under a crane. Every truck/tractor detected will be reported to the TOS TOS to dispatch/optimize yard crane work instructions list

Automated Hand-off

- System identifies street truck/terminal tractor as the yard crane picks/drops the container
- TOS validates truck/container with work instruction
- Central exception handling for mismatches

Our Customers

CERTUS customers include many of the major terminal operators, logistic- and distribution centre operators, depots, intermodal terminals and port authorities. Some key numbers on our installed base: over 50 customers worldwide, over 30 ports worldwide, over 20 countries.



About CERTUS

CERTUS Automation is a world leader in the fields of OCR and machine vision software for port- & logistics process automation. Our global headquarters including back office, workshops, warehousing and logistics centre is located near the Rotterdam Port in the Netherlands. The Company benefits from the contribution of over 60 employees globally, most of which serve in the development, manufacturing and integration areas.

CERTUS is an internationally operating company, executing projects throughout the globe. The network of CERTUS offices, local representative partners and a 24/7 helpdesk with experienced hardware and software engineers are there to support after go-live. At CERTUS we strongly believe that our industry quality standards make a significant difference. CERTUS is ISO 9001 certified. Our knowledge and experience make us an reliable partner for all automation projects.

BECAUSE CERTAINTY IS MISSION CRITICAL

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