



Gate OCR Portal

Accurate and real-time information

The OCR Portal by CERTUS Automation provides accurate and real-time information on all incoming and outgoing traffic. With state-of-the-art Line Scan Technology we can provide high quality images from all sides of the container or trailer as well as the truck cabin.

OCR (Optical Character Recognition) technology by CERTUS will help you drive productivity, increase efficiencies and reduce costs in your organization. It has been implemented hundreds of times in terminals and logistic sites around the world and is adopted by various governmental programs and port authorities. All systems employ state-of-art cameras, solid-state illumination and powerful OCR engines. These systems have demonstrated high reliability and overall high OCR accuracy.

HIGH THROUGHPUT, MAXIMUM RECOGNITION

The main benefits

Primary benefits of the Gate OCR Portal include:



HIGH QUALITY IMAGES AND A.I. BASED IMAGE PROCESSING

Our systems capture the highest quality of images for damage assessment and our AI based engine swiftly process the images without impact on network and servers.



RICH FEATURE SET WITH HIGHEST ACCURACY LEVELS

All truck-, trailer- & container features can be recognized out-of-the-box with industry leading recognition levels.



LEAN DESIGN

The OCR portal is delivered turn-key, including illumination, cameras, triggering, data processor and software licenses. No roofing (canopy) or additional lighting construction is required.



HIGH THROUGHPUT

Each gate lane can handle a non-stop truck-flow without interruption.



Which features does the OCR portal recognize?

We deliver a full turn-key system that recognizes nearly all details of the vehicle that passes through.



TRUCK LPR
(front)



CHASSIS LPR
(rear)



TRAILER ILU
CODE



CHASSIS SIDE
(US)



CONTAINER POSITION
ON CHASSIS



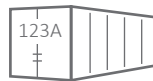
CONTAINER SEQUENCE
ON CHASSIS



EMPTY CHASSIS



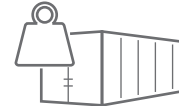
DOOR DIRECTION



CONTAINER CODE



ISO CODE



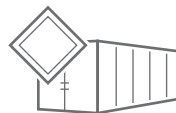
WEIGHT RECOGNITION
(Max Gross, Tare, Net)



GENSET PRESENCE
DETECTION



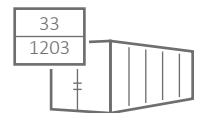
SEAL PRESENCE



HAZARDOUS PLACARD
PRESENCE



HAZARDOUS PLACARD
CLASS



HAZARDOUS UN
NUMBER RECOGNITION



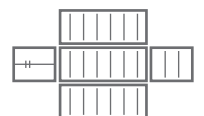
UN NUMBER
RECOGNITION



HEAVY LOAD
INDICATOR



DAMAGE ALARM



5 SIDE DAMAGE
IMAGES

Easy integration

Through a standard software kit, integration is made easy for each TOS, YMS, WMS or ERP. The CERTUS Gate OCR Portal has been installed hundreds of times at major terminals and logistic facilities all around the globe. More than 25,000 trucks pass a CERTUS Gate OCR Portal every day.

Our Customers

CERTUS customers include many of the major terminal operators, logistic- and distribution center operators, depots, intermodal terminals and port authorities. Some key figures on our installed base: over 50 customers worldwide, over 40 ports and 20 logistic facilities worldwide, in over 29 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 center is located near the Port of Rotterdam in the Netherlands. The Company benefits from the contribution of over 70 employees globally, most of which serve in the development, manufacturing and integration areas.

CERTUS is an internationally operating company, executing projects around the globe. The network of CERTUS offices, local representative partners and a 24/7/365 Support Desk 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

CERTUS
AUTOMATION

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