



## Automated Gate Solutions



# CERTUS Automation solutions for Logistics

CERTUS is a technology company supporting clients around the world with automating the gate process at logistic sites like warehouses, distribution centers and container terminals. Our gate kiosk and camera systems accurately manage, register and control truck, trailer, container and driver flows, enabling you to make the right planning decisions, control who is on your site, balance traffic peaks and reduce administrative tasks for your staff.

Our end-to-end gate solution entails the gate software, professional services and hardware, deployed at more than 30 countries worldwide. Our software interfaces with any third-party systems, such as WMS or YMS, in order to integrate the supply-chain. Our highly innovative technology empowers our clients to increase the facilities operational performance excellence and safety, while reducing operating costs, making your customers smile, your staff thrive and your CFO happy.

## The Main Benefits



### REDUCE COSTS

Save on operational costs through digitalization and automation of the gate process. Avoid demurrage charges.



### IMPROVED TRUCK TURN-AROUND TIMES

Increase your site operational capacity, automate inbound & outbound traffic flows.



### INCREASED SECURITY

Register & control Truck, Driver and Cargo movements at your site. Reduce security claims.



### IMPROVED CLIENT SATISFACTION

Fast service, improved transparency.

## Our Industries

CERTUS Logistics Automation Solutions can be applied at various facilities to optimize logistics gate, terminal, yard and warehouse processes.



Warehouses



Conditioned Warehouses



Cross Docks



Distribution Centers



Truck Parkings



Manufacturing Plants

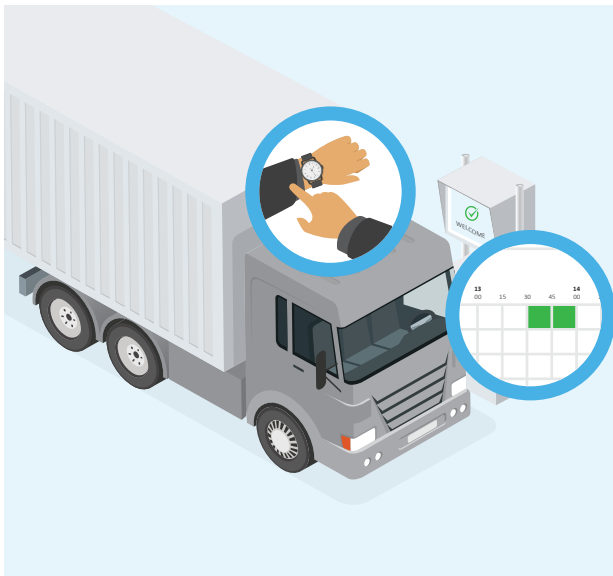
# Our Software Solutions



## GATE MANAGEMENT SYSTEM

The PASS Gate Navigator (GMS) automates the process of data capturing of vehicle visits and identifies which truck is in which gate lane. The GMS matches captured data with (pre-)registered data and:

- Monitors all transactions at the gate
- Integrates with host platforms such as WMS/YMS/TOS
- Reports on exceptions in the gate process
- Monitors hardware status from AutoGate components
- Historical transaction data and images search function



## VEHICLE BOOKING SYSTEM

The PASS on Point Vehicle Booking System schedules visits in an online booking system. Through technology at the gate, truck visits are automatically verified against the pre-booking ensuring fast and secure entering.

- Available 24/7
- Automates communications between all parties
- Smooth out traffic flow and streamline operations
- 'Truck driver stay in your truck'- principle



## LOCATION MANAGEMENT SYSTEM

Schedule and allocate appropriate resources, including locations (e.g. docks, parking spots), employees and equipment (e.g. forklifts) in accordance with expected visit flows.

- Synchronize dock & equipment operations with visits
- Real-time confirmations of free docks, truck arrivals etc.
- Maximize your resources, Minimize administration

# Our Automated Gate Solutions



## GATE KIOSK

The Gate Kiosk support trucks, cars and pedestrians in self-service activities. Drivers remain in their vehicles, where they can activate and complete their mission via the kiosk. Main features of the kiosks include:

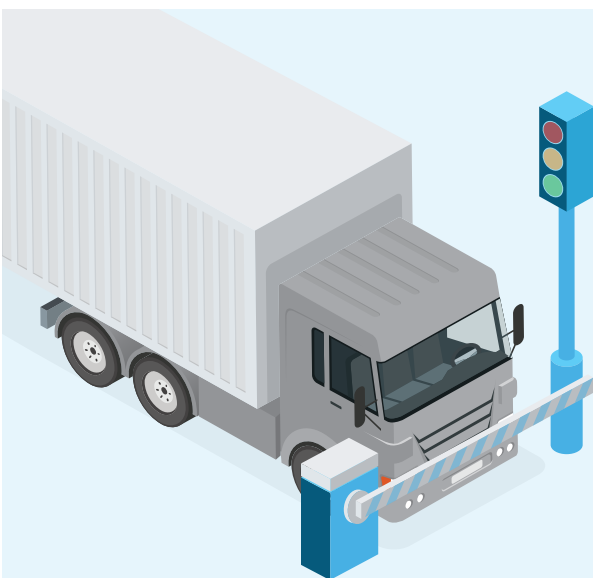
- Touch Screen
- VOIP Intercom
- Data Processor
- Ticket Printer
- Face Camera
- Biometric Reader
- ID Reader
- Barcode or QR reader



## GATE OCR PORTAL

Accurate information on all incoming and outgoing traffic. The Gate OCR Portal captures all truck and container details as the vehicle passes through. Features that the portal captures are:

- LPR Truck and Trailer
- Trailer Code
- Seal Presence
- Container Code
- Hazardous Info (ADR)
- Iso Code
- Weight Recognition
- Damage Inspection
- Door Direction
- And many more



## GATE CONTROL EQUIPMENT

Traffic Control Equipment is key in streamlining traffic at the gate. The CERTUS Automated Gate Solution applies a combination of the following:

- Traffic Lights
- Gate Barriers
- LED Panels
- Cross/Arrow Panels
- Bill Boards

# Our Customers

CERTUS customers include many of the major terminal operators, logistic- and distribution center 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 center 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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