

Gate Operating System

Gate Management

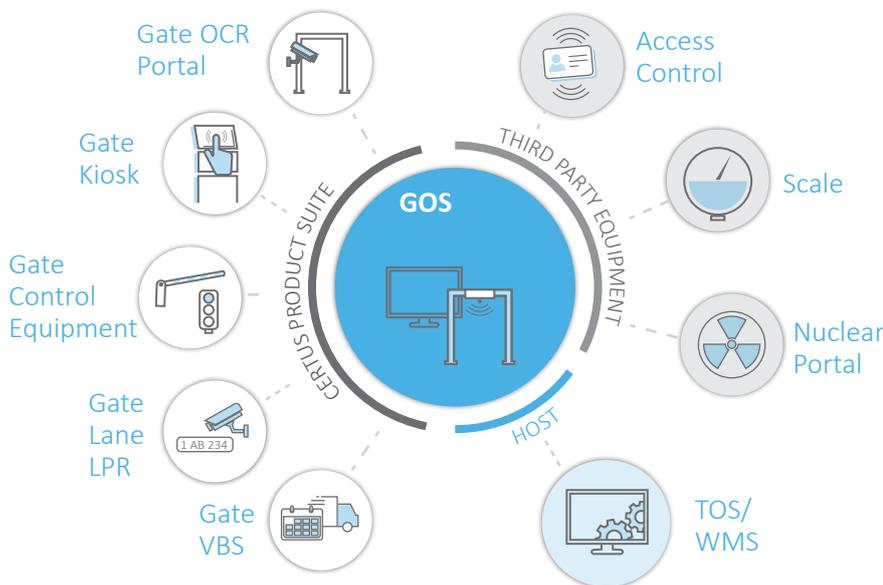
CERTUS' Port Automation & Security System (PASS) Gate Navigator serves as a Gate operating System (GOS) and is part of the CERTUS AutoGate solution suite. It is a software platform for ports, marine, and intermodal container terminals to manage truck drivers, containers, equipment and operators. The solution integrates identification, locating, security and sensor technologies in a single integrated solution for increased productivity, safety and traceability.

Main features

- Monitor all transactions occurring at the gate lanes
- Collect, verify and improve Gate transaction data
- Integrate with any host platform such as a TOS or WMS
- Integrate with 3rd party components as part of the Gate process
- Report on any exception in the gate process as it occurs
- Review images from OCR, LPR, CCTV and face cameras
- Monitor hardware status from AutoGate components
- Monitor software interfaces from AutoGate integrations
- Search historical transaction data and images
- Report on KPI's for the gate procedures

System Architecture

PASS Gate Navigator GOS is modular in design, where a Basic Module provides the core and additional modules and features can be added to it. One single platform that links all components but also creates an end user interface to support operations.





What does the system support?

The CERTUS Gate Navigator GOS is a complete software tool that helps terminals to improve their efficiency.

The main functions of the system are:



Data collection

from kiosks, RFID, OCR, LPR, weigh scale etc.



Centralized

exception handling to control and optimize operations



Dashboard

for status control/ trouble shooting



Kiosk GUI

multi language kiosk interface



Settings control

for hardware devices like LED panels



Process

KPI monitoring



Web history

of OCR data and images



Data Matching

RFID to OCR, OCR to Truck visit etc.



Clean-up

of image storage

Integration is in our DNA

The CERTUS PASS Gate Navigator GOS has been deployed in dozens of sites and has been integrated with all major TOS providers either through API's or custom protocols. Today several CERTUS Customers process more than 25.000 trucks per day.

Technical details

The CERTUS (PASS Navigator?) GOS supports virtualization
Database based on SQL, OS based on Windows
Processing of over 25.000 trucks per day is supported by the CERTUS GOS
API Available for data extraction

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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