



PASS Parking Solutions

Software Fundamentals, Modules and Features



Truck Parking Solutions

Keeping track of the availability of your parking spots? Perform access control on all visitors? The CERTUS Parking Technologies are the best-in-class solutions to manage your parking in an efficient way.

The CERTUS Software solution called 'PASS' manages automatic processing of visit flows to increase efficiency and minimize human intervention. The principle is enablement of processing the vehicle visits without having the drivers come out of their truck and enabling "Driver-Self-Service" facilities. PASS Parking software program helps you solve complex parking challenges, making your truck parking operation a success.

MAKE TRUCK PARKING EFFICIENT AND EASY

The main benefits

Discover the advantages of our PASS Parking Solution. Primary benefits of the system include:



FLEXIBLE OPTIONS

Add modules and features based on your needs



INCREASED SAFETY

Manage trucks with dangerous goods, SOS notifications



PRE GATE FUNCTION

Truck waiting area, call off when dock is ready, pre-clearing (option)



REDUCED COSTS

Automating visitor registration reduces administrative costs



IMPROVED CLIENT SATISFACTION

Fast service and improved transparency



IMPROVED PRODUCTIVITY

Increased volumes of inbound and outbound logistics



INCREASED SECURITY

Register & control access of truck, cargo and driver; Secured parking



ENVIRONMENT

No trucks parked on public road; reduced emissions due to less movements

PASS Parking Features

FUNDAMENTALS



USER MANAGEMENT

Manage users, roles and rights in the software.



MAIN DASHBOARD

Show the most important daily information.



YIELD MANAGEMENT

Aera's at a parking, rows for parking spots and parking spots with specific information.



OCCUPANCY REPORTING

Overview of visit transactions, arrivals, departures, duration per visit type/zone etc.



AVAILABILITY FEED

Communicate availability by area or type of visit to third party websites and systems.



RATE STRUCTURE

Per day/hour and free of charge period.



EXPORT FEATURE

Export to PDF or Excel for specific lists and reports.



LANGUAGE

Multi language and translations.



SETTINGS

Configuration for standard features.



DATABASE

Management of database.

EXTRA MODULES



RESERVATION MODULE

Making reservations for truck parkings.



RESERVATION API FOR EXTERNAL WEBSITE

Integration with external website and reservation page.



AGREEMENT MODULE

Swap trailers or standard fee for truck companies with multiple trucks.



PAYMENT MODULE

Automatic validation on open payments and interface with pay terminal.



AUTOMATIC PAYMENT

Via Secure Logistic Cargo Card Contact or other ID Card Systems.



DANGEROUS GOODS

Automatic registration for ADR visits with hardware sensors and automatic access control for ADR trucks and classes.



DYNAMIC TRAFFIC MANAGEMENT

Automatic barrier and LED panel management based on availability.



VIP PARKING MANAGEMENT

Specific gate for visits with reservation and automatic check on LPR.



PASS Gate Navigator Features

FUNDAMENTALS



USER MANAGEMENT

Managing users, rights and roles.



GATE MONITORING

OCR/LPR Recognition, registration and real time visualization of actual visit in gate in/ gate out.



KIOSK INTEGRATION

Integration with parking kiosk and related hardware. Possibility to manage kiosk flow via VNC connection (touchscreen, barcode scanner/reader/printer, face camera, finger vein for ID card).



ACCESS MANAGEMENT

Access management and validation on OCR/LPR/Barcode scan for arrival or departure of visits (important for truck parking label and certification, safety and service).



ACCESS CONTROL PEDESTRIANS

Based on active visit for pedestrians (via barcode and tourniquets).



HARDWARE MONITORING

Checking status of hardware, paper empty warning of barcode printer, maintenance status.



HARDWARE MANAGEMENT

Automatic and manual hardware management for truck parking (barriers, tourniquets, traffic lights, cross LED panel, availability LED panel, shutters for water/ADR fluid management, emergency lights).



EXCEPTION HANDLING

Automatic and manual access control for visits (checking visits arrival and departure via LPR and facecam images, refuse truck for leaving, correcting LPR or ADR type, validation open payments, mismatch LPR).

EXTRA MODULES



CARGO CARD INTERFACE

Separate interface for Cargo Card, Dutch national ID card for truckers.



ACCESS CONTROL INTERFACE

Custom interface possibility with access control systems.



ID CARD, BARCODE OR LPR

Access control for supplier and personnel via ID cards, barcode or LPR.



WHITELIST / BLACKLIST

Whitelist and blacklist possibility for access control management.



EMERGENCY MANAGEMENT

Opening, closing, lock all pre-defined barriers/doors/tourniquets via 1 button).



AED/ SOS MANAGEMENT

Managing and monitoring for AED/SOS pedestals (turning on warning light, opening/closing door for AED machine).



CROWD MANAGEMENT

Managing bi-directional lanes for crowd management during peak hours.

Feature overview

PASS Parking

User management
Main dashboard
Parking Yield management
Access control pedestrians based on active visits for pedestrians
Occupancy reporting and visit overviews
Availability Feed by Area or type of visit
Rate structure
Export to PDF and Excel
Multi language and translations
Settings for standard features
Database management
Reservation module
Reservation API for external website
Agreement modules
Payment module
Automatic payment via Secure Logistic Cargo Card contract
Dangerous goods module
Dynamic traffic management module
VIP Parking management

Fundamentals	Extra modules
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PASS Gate Navigator (GOS)

User management
Gate monitoring
Integration with parking kiosk and related hardware
Access management and validation
Access control pedestrians
Automatic and manual hardware management
Hardware monitoring
Exception handling module
Separate interface for Cargo Card
Custom Interface possibility with access control systems
Access control for suppliers and personnel via ID cards, barcode or LPR
Whitelist and blacklist possibility
Emergency management feature
Managing and monitoring for AED/SOS pedestals
Managing bi-directional lanes for crowd management during peak hours

Fundamentals	Extra modules
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Our Customers

CERTUS Automation 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 Automation

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

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