

VISY



VISY ACCESS GATE GOS

A highly versatile Gate Operating System (GOS) designed to streamline and automate terminals' traffic and gate processes



EVOLVING AUTOMATION ECOSYSTEMS

Expand | your vision



Automated gate environment

Visy Access Gate is a highly versatile Gate Operating System (GOS) designed to streamline and automate terminals' gate processes. The flexible and modular access control ecosystem manages vehicle and cargo traffic with intelligent system features that optimize operations and allow you to effectively handle vast volumes of gate transactions.



Saves time and money on every transaction



Increases throughput capacity



Improves safety and security

Flexible access control ecosystem

Visy Access Gate GOS covers all access and area control needs with a wide selection of recognition technologies and software tools. The system solution combines Visy's AI and OCR software with line scan and area scan cameras to capture high-quality images and to recognize vehicle and container identifiers in any environmental condition.

In the gate area, the needs of both security and logistics are supported with access control features and traffic guidance equipment such as OCR cameras, self-service kiosks with several RFID options, intercom devices, barriers, and info displays. Visy Access Gate GOS is an adjustable environment which can be easily expanded alongside changes in terminal operations.



Pre-gate area with Visy IRIS OCR Portal and traffic guidance equipment

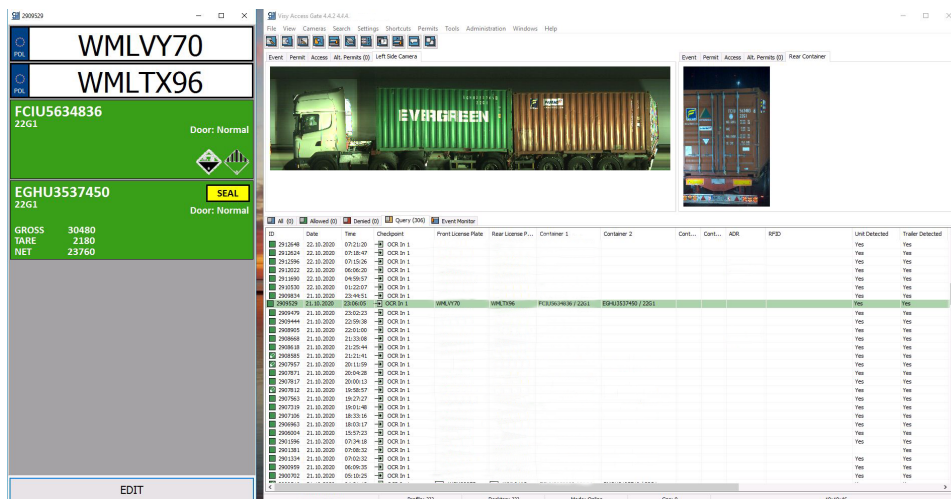


Main gate area with self service kiosks and traffic guidance equipment

Practical tools for managing traffic events

Visy Access Gate GOS complements terminals' existing intelligent networks with unbeatable integration possibilities, enabling efficient management of traffic and cargo. The solution's desktop and web-based user applications provide tools and reporting functionalities for managing access permits and reviewing traffic events, and help to identify operational bottlenecks.

Visy Access Gate user interface for managing traffic, issuing access permits, reviewing traffic events, etc.



Advanced data collection solution

The OCR portal gathers applicable data and validates the best results to always hit high rates in recognition accuracy. The recognition software extracts front and rear license plates, as well as container IDs and other markings from all sides of containers.



Features

- Automated recognition of license plates, container IDs, ISO codes, IMO and ADR labels, seals, container weight, vehicle length, terminal tractor ID, etc.
- Damage inspection with high-quality imaging
- Extensive data exchange and interfacing with third-party systems (TOS, POS)
- Workstation and web applications for access control, traffic event management, damage inspection
- Management tools for reporting and performance analysis
- 100% real-time awareness of people and vehicles within the facility

Selection

- Visy IRIS OCR Portal recognizes and images vehicles and containers that are entering or leaving a facility (container IDs, ISO codes, IMO labels, seals, etc.)
- Vehicle Booking System – Booking and scheduling terminal visits
- Identification options for vehicles, personnel, and customers (RFID, UHF, HID, Desfire, Biometrics, Passport scanners, etc.)
- Driver Kiosks: Visy Service Kiosks & Apps – Self-service kiosks for registration, visitor access, instructions, mandatory safety training, etc.
- Area guidance equipment: Information displays, Traffic lights
- Gate area equipment: Barriers, Gates, Turnstiles
- Truck scales
- Intelligent Logics and Interfaces: VISY IO (logic connectable to all possible gate equipment), Profibus, XML



**Decrease Truck
Turnaround Time
by up to
60%**



**Automatically
image and capture
identifiers of cargo
and vehicles**



**Centralized
management of
vehicles and assets**



Globally local support

We deliver versatile automation solutions to create comprehensive identification and access control ecosystems. Our product & solution selection for ports and terminals is wide to match the diversity of our customers' requirements and preferences, and to cover every part of the terminal where identification or tracking of containers, vehicles, and cargo is needed.

Automated access control and container identification in every turn ensures a smooth traffic flow and increases profits through enhanced operational efficiency. Our global high-quality partner network minimizes reaction time and our experience of three decades in the port and terminal industry guarantees top-class solutions and support worldwide.

Implementation & delivery of our solutions is reliable without exception. With our professional project management and skilled team, we deliver customized and demanding solutions designed to achieve the highest possible advantages of process automation.



About us

Visy is a pioneer in optical character recognition (OCR), applied AI, and deep learning for camera-based automation and access control solutions. Our expertise is based on over 25 years of experience in research and development of industry-leading technologies, and we have established a strong position as one of the top global vendors in gate automation and OCR solutions.

5 000 000+
RECOGNITION
EVENTS EACH DAY

500+ FACILITIES
AUTOMATED

25+ COUNTRIES

INNOVATING SINCE
1994

OVER 1,000,000,000
IDENTIFICATION
EVENTS

25 YEARS OF
DEVELOPING AI AND
OCR TECHNOLOGIES

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