

VISY

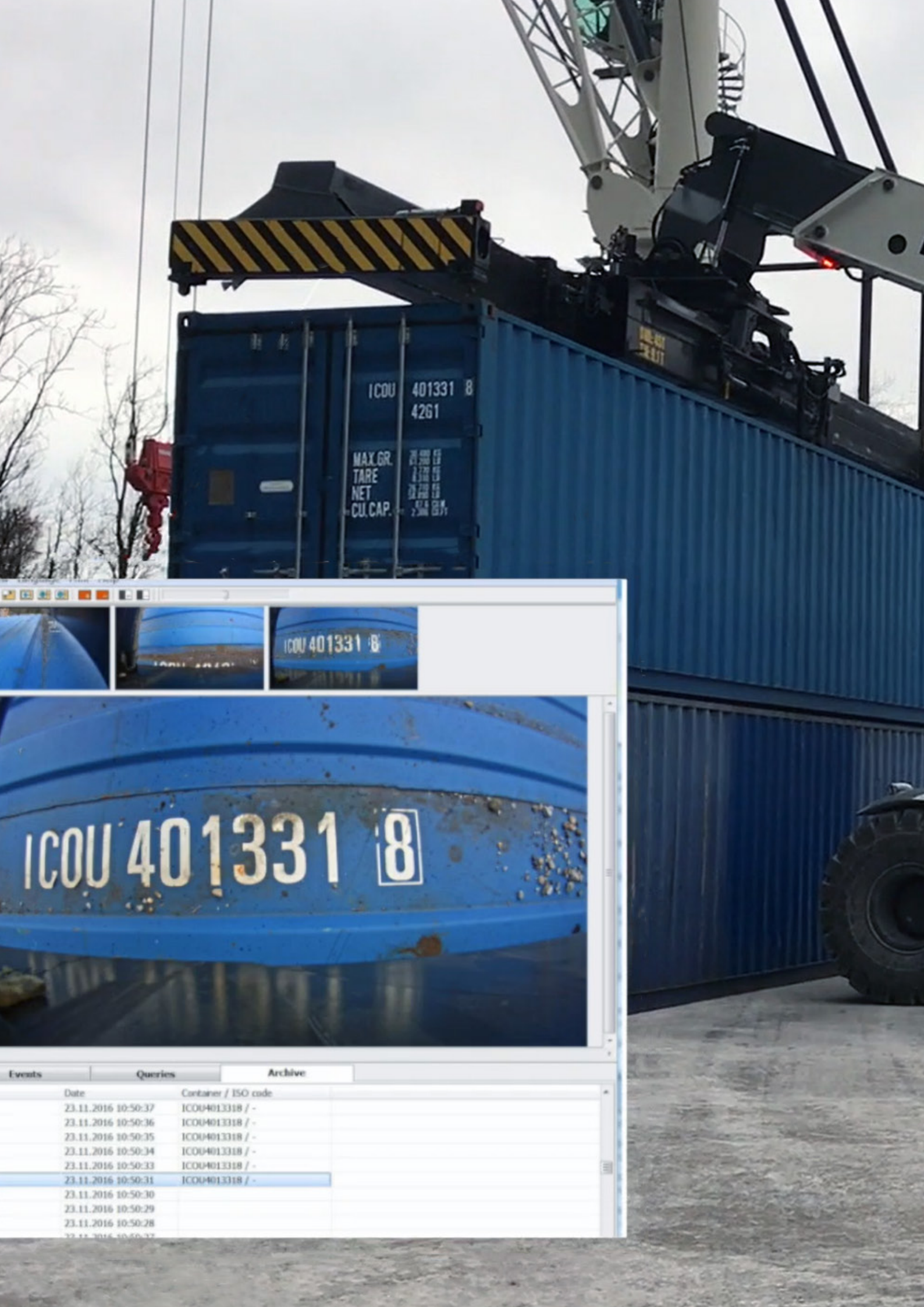


VISY TOPVIEW

Accuracy for container handling with spreader OCR



Expand | your vision



ICOU 401331 8
4261

MAX.GR. 25 900 KG
TARE 2 300 KG
NET 23 600 KG
CU.CAP. 25 000 CBM

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Events	Queries	Archive
Date	Container / ISO code	
23.11.2016 10:50:37	ICOU4013318 / -	
23.11.2016 10:50:36	ICOU4013318 / -	
23.11.2016 10:50:35	ICOU4013318 / -	
23.11.2016 10:50:34	ICOU4013318 / -	
23.11.2016 10:50:33	ICOU4013318 / -	
23.11.2016 10:50:31	ICOU4013318 / -	
23.11.2016 10:50:30		
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23.11.2016 10:50:28		
23.11.2016 10:50:27		



Accuracy for container handling with spreader OCR

Visy TopView transforms spreaders into smart devices by automatically identifying ID numbers from the tops of containers. The robust solution recognizes container IDs while crane operations are on-going, providing efficiency and accuracy in container handling. Visy TopView increases handling volumes by preventing time-consuming false lifts, regardless of whether the operation commences over vessel, truck, train, or yard.



Cost-efficient solution

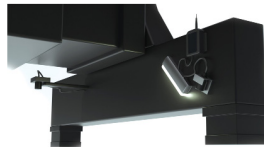


Increases handling volumes



Enhances accuracy and safety

Installations to any type of container handling equipment including single, tandem, twin, and quad spreaders



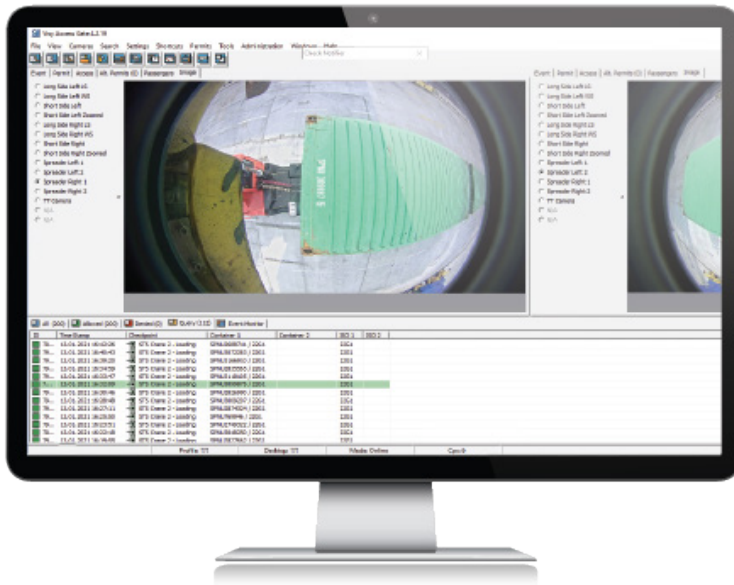
Smart implementation

Visy TopView is a compact system in which all equipment, including robust cameras, efficient illuminators, and the recognition PC, are installed directly on the spreaders. The intelligent OCR software validates the best results to achieve recognition rates of up to 99,5% and thus verifies that each movement of cargo goes as planned. The system is a reliable partner for terminal operators in container handling processes, as it gathers applicable recognition data while cranes are in action, regardless of the time of day or environmental condition.



Multifaceted benefits

Visy TopView's advantage is its agile and innovative functionality which accelerates container handling processes, instantly increasing a terminal's operating capacity and stack accuracy. With Visy TopView, no container is being shipped or stacked to a wrong location and the acceleration in loading and unloading processes is remarkable. The system also enhances safety and security: the need for manual work in yard operations is reduced as fewer people are required to operate in the immediate vicinity of the cranes.



Features

- Automatic recognition of container IDs from container roofs
- In-house OCR software
- High recognition accuracy of 98% – 99,5%
- Installations to any type of crane equipment, including single, tandem, twin, and quad spreaders
- Twin-Twenty Detection System (TTDS) prevents accidental twin lifts when the spreader is in single lift position
- Customizable application and user interface
- Extensive data exchange and interfacing with third-party systems (TOS, POS, ERP)

**TopView turns
every spreader into
a smart device**





**Increase STS
Gross Moves per
Hour by up to
50%**



**Accuracy for
container handling**



**Turn data into
knowledge**



**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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