

VISY

Visy Train OCR Portal

The Visy Rail OCR Portal automates the monitoring and data collection of rail cargo traffic.

As trains move through the portal, the system captures high-quality images of wagons and containers and extracts the key information in real-time. This information is automatically shared with the terminal operating system, giving operators a complete overview of train movements without manual input.

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Automated Rail Cargo Imaging



● Capturing Cargo and Wagon Data

- Wagon ID
- Container ID
- Wagon length
- Dangerous good labels
- Cargo type
- Damage

● Seamless Integration

Captured data and images are shared automatically with TOS and other third-party systems such as customs and x-ray.

● Improving Safety and Efficiency

Rail terminals can move inspection and reporting tasks from the trackside to the office, improving safety and efficiency while reducing workload.



Less Hassle, More Throughput

With precise imaging, reliable data capture, and easy-to-use software, rail terminals gain a smarter, safer, and more efficient way to handle train traffic. By automatically imaging and extracting critical information, you can automate the train manifest validation and manage liability for damaged containers, that results as reduced operating expenses and manual processes.

Applications

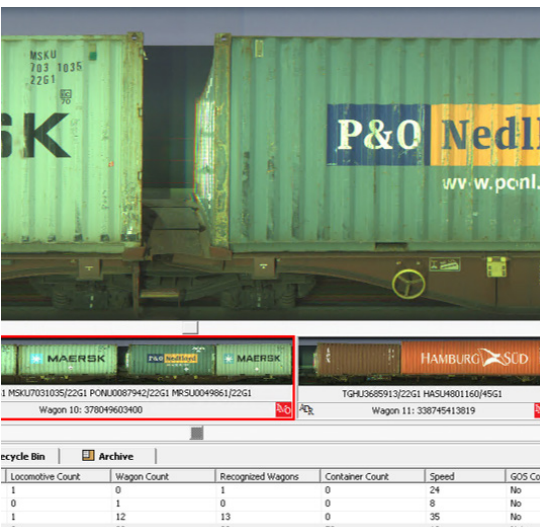
- Rail terminals and intermodal facilities
- Container ports and logistics centers
- Industrial manufacturing sites
- Customs and law enforcement checkpoints

Features

- Automatic imaging of trains, wagons, and containers
- Visy in-house OCR for container IDs, ISO codes, IMDG/ADR labels, brake positions, and tank covers
- High recognition accuracy (97-99.5%)
- Visy specialists select the correct hardware and lens configuration based on layout and requirements
- Bi-directional operation with small footprint
- Reliable performance in harsh weather conditions (-40°C to +50°C)
- Extensive system integration and data exchange options



● With automated data capture, rail terminals gain a smarter, safer, and more efficient way to handle train traffic.



Locomotive Count	Wagon Count	Recognized Wagons	Container Count	Speed	GOS Cor
1	0	1	0	24	No
0	1	0	0	No	
1	12	13	0	35	No
2	23	22	58	10	Nein

Why Terminals Choose Visy Train OCR

- Enhances accuracy and transparency in operations
- High recognition rate and proven performance
- Thorough integration into the operations
- Flexibility to build up a system with unique features
- Measurable benefits

Get in Touch

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