

## Visy ADDS for Truck OCR portals

Visy ADDS software feature for Truck OCR portals automatically extracts and delivers data of damaged containers alongside other captured identifiers (container ID, ISO code, door direction, seal presence, dangerous goods labels, etc.).



The system marks the damage in high-quality linescan images for easy locating.



Heatmap images model the severity of the damage.



Learn more of  
Visy ADDS



## Visy ADDS for quayside operations

Visy LaneView (crane OCR) and TopView (spreader OCR) are imaging applications which capture images of all container sides for recognition purposes. With the ADDS feature, while detecting and digitizing other desired objects (container ID, ISO code, door direction, seal presence, etc.), the system also detects container damage.



Visy LaneView

Visy ADDS is utilized with Visy Crane OCR camera systems to enhance overall quayside operations.



Visy TopView

Visy TopView – the only spreader OCR system on the market – provides damage detection for container roofs.



## AUTOMATIC CONTAINER DAMAGE DETECTION SYSTEM

AI powered feature for  
Visy Container Imaging Applications

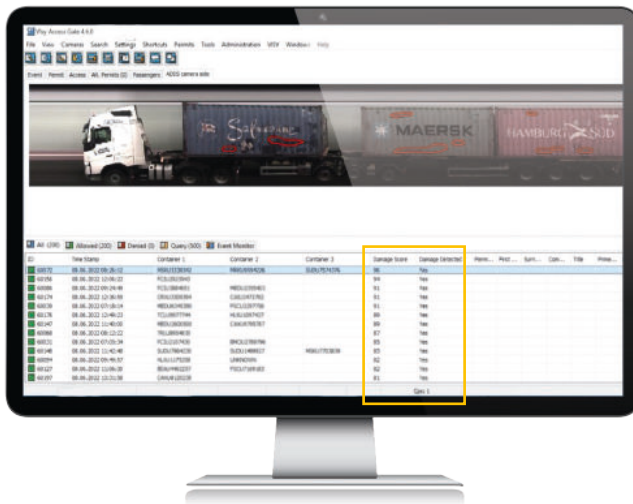
Expand your vision



## VISY ADDS

### World's first vision-based tool for automatic detection of container damage

Visy Automatic Damage Detection System (ADDS) is a new feature for Visy's imaging applications. The camera-based solution uses modern AI with vision technology which together enable automatic recognition of container damage. Non-stop operation, online monitoring, and automated alerts allow damage inspection without interrupting truck traffic or crane operations.



Visy ADDS digitizes the damage and brings the information to Visy Access Gate applications alongside other captured data.



Visy's imaging applications capture high-quality images of all sides for container OCR and ADDS.



Visy ADDS extracts damage information with an in-house Deep Neural Network (DNN) engine and AI features.



Visy ADDS digitizes the damage and automatically sends the condition information to operators.



The captured data is brought to Visy Access Gate user applications for reviewing and exception handling.



Integration to TOS (e.g. Navis 4) and other third-party systems ensures comprehensive benefits for the entire supply chain.

### Advantages of ADDS

Visy ADDS brings unprecedented advantages for the entire supply chain by automating the container damage detection process. The solution enables real-time inspection of containers, which helps terminal operators shed insurance liabilities and damage claims, and brings invaluable data to container owners. Visy ADDS proactively gathers data and notifies operators of damaged containers, unlike traditional damage detection systems, which only provide images for retrospective reviewing.



Visy is a Finnish technology company specializing in vision technology applications and gate automation. The company is a pioneer in optical character recognition (OCR), applied AI, and deep learning for camera-based solutions for terminal automation. Our expertise is based on over 25 years of experience in research and development of industry-leading technology. Visy has established a strong position as one of the top global vendors in smart gate and terminal automation solutions for container ports & intermodal terminals.



# VISY

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The damage is detected from images acquired by Visy's imaging applications. The applications cover all container handling events within the terminal in gate, yard, quay, and rail areas.

