VISY

Stand E-32

TOC EUROPE

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BALTIC HUB, GDANSK QUAYSIDE CASE STUDY

From Manual Operations to Wharf Optimization

Expand
Your vision

VISY

- Global leader of innovative & flexible smart gate & terminal automation solutions
- 30+ countries
- 500+ sites automated
- 6,000,000+ Ops decisions daily
- Billions of vision tech events
- Innovating since 1994

Streamlining the safe flow of assets

Process automation platform critical for TOS

Manage everything that goes in/out via road, rail, quay, CHE

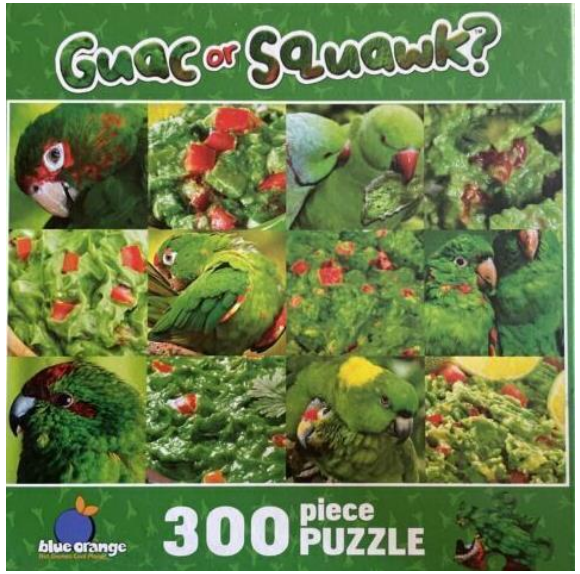
AI-powered vision technology (OCR) improves KPIs

Identify assets, digitize and manage workflows: cargo, vehicles and people – share with TOS/3P systems

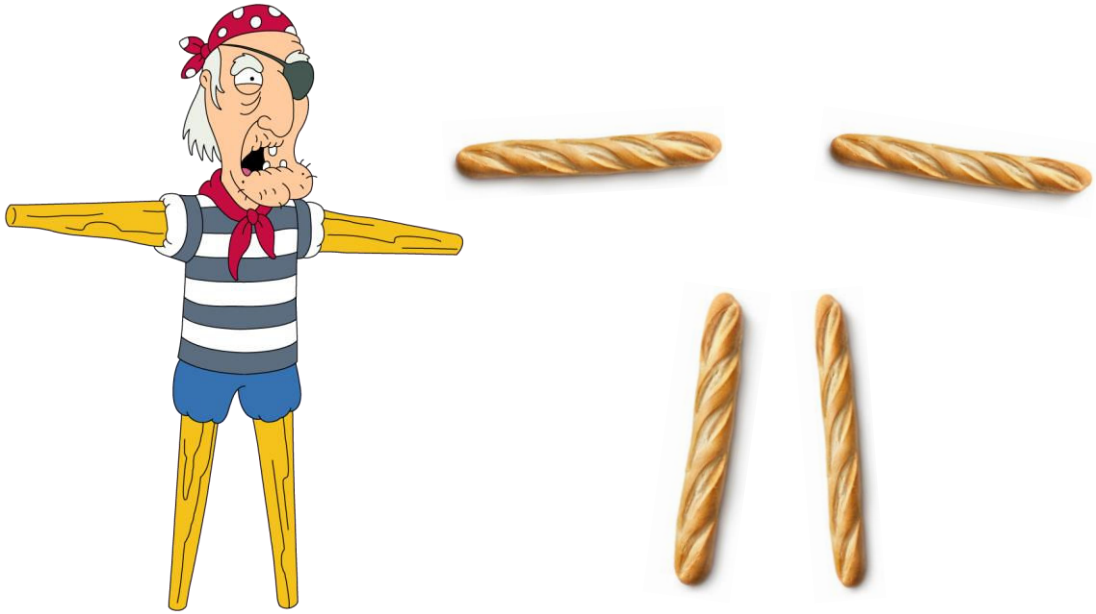
PSA The World's Port of Call · APM TERMINALS Lifting Global Trade · DP WORLD Constanta · DB NETZE · DFDS · storaenso · UPM

Not all Vision Technology is the Same:

Parrots or Guacamole?



Peglegs or Breadsticks?



Not all Vision Technology is the Same: Seriously.

CONTAINER CODE

ISO CODE

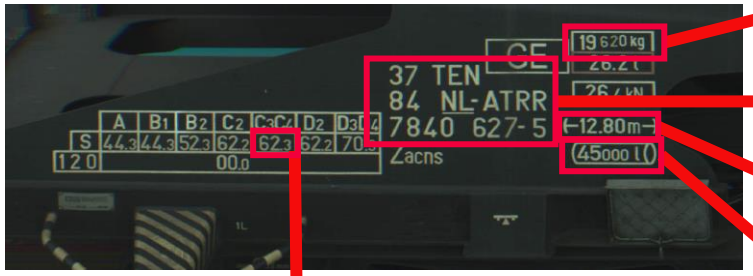
TOTAL WT: 32500KGS

TARE: 3850KGS

PAYLOAD: 28650KGS

CORROSIVE

SEAL



WEIGHT

WAGON ID

LENGTH

MAX VOLUME

CAPACITY

HANDWRITTEN

YELLOW VAN VOLKSWAGEN PASSENGERS: 1

Deepwater CT:

2.2 million TEUs in 2024

Safety

Above

Everything

How to scale quay ops?

14 to 21 STS

Leadership:

How to improve KPIs?

ID Box ASAP = Digitize

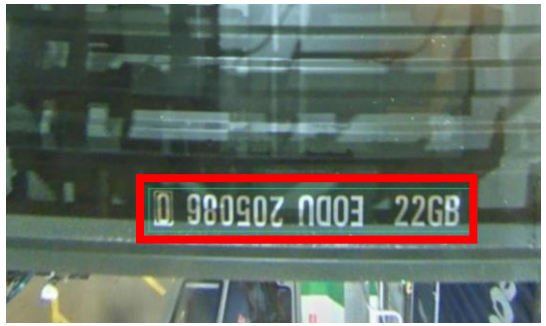
Goal:

4.5 million TEUs in 2025

Visy Gate/Rail customer since 2018

Table of Contents:
Quay (Key) Optimization –
4 Main Areas

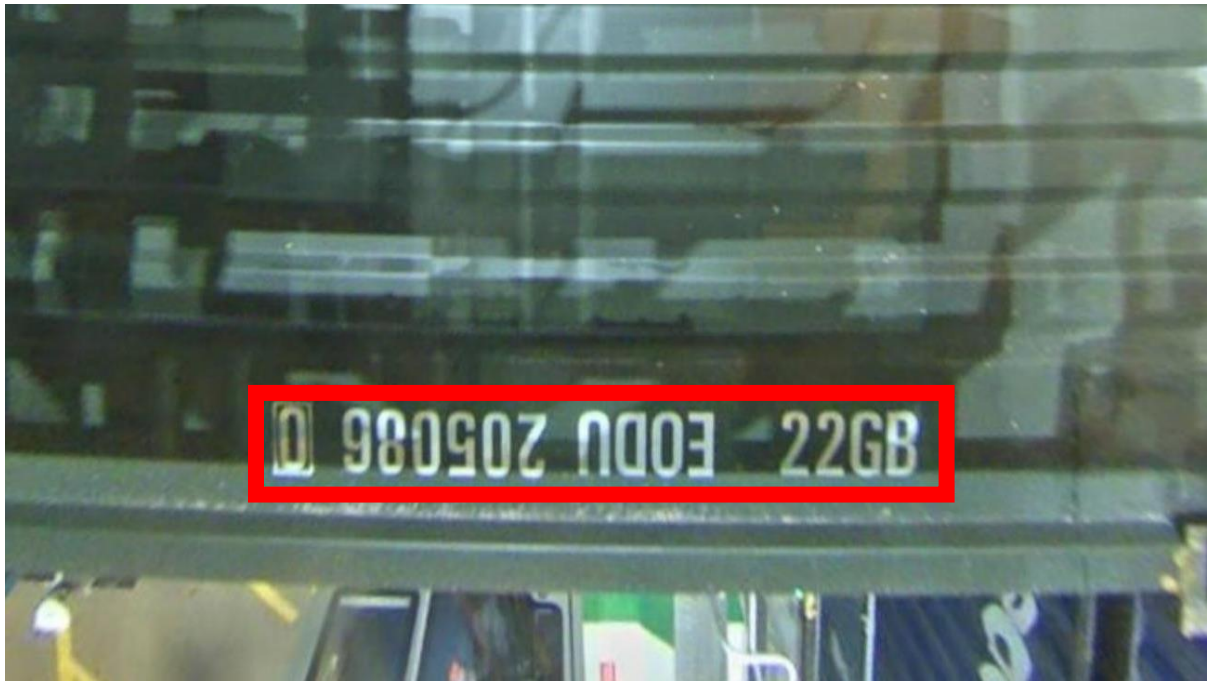
Vision Technology: Box ID ASAP



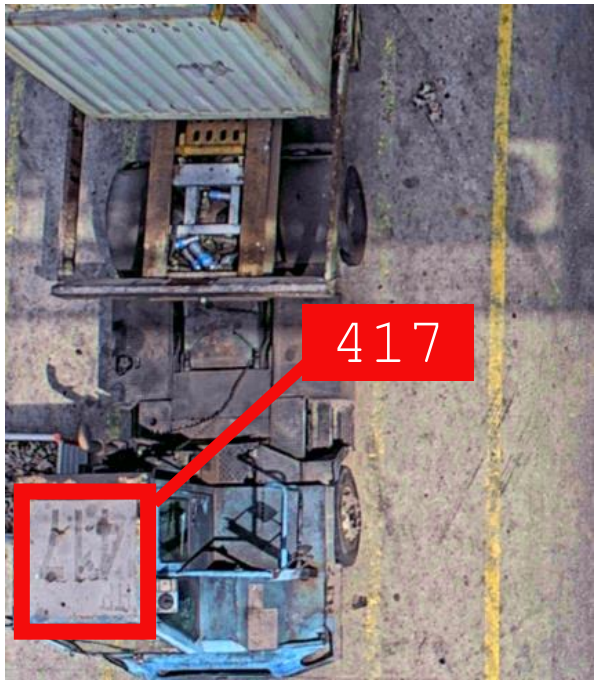
- Manual to digital
- AI vision tech
  - Container IDs
  - ISO codes
  - IMO labels
  - Door direction / Seal
  - TT IDs
- TopView Spreader OCR
- Imaging, recording, and digitizing all moves
- Visy Crane Gate OS platform
- Navis TOS Interface – Real Time
- Cameras on portal and sill beams

Not all Vision Technology is the Same:

Upside down?



Can you read it?



Not all Vision Technology is the Same:
Baltic Hub Audit Results

Crane	Moves	Container ID	ISO	TT	Seal	Door	IMO
STS 33	393	100%	100%	98.3%	98.3%	99.8%	96.0%
STS 34	5,227	99.7%	99.6%	99.2%	97.8%	100%	99.5%
STS 35	9,325	99.8%	99.7%	99%	96.7%	99.9%	99.9%
STS 36	12,962	99.9%	99.8%	99.6%	96.4%	99.5%	99.7%
STS 37	13,547	99.6%	99.4%	99.1%	97.3%	100%	99.9%

Improve Safety on Quay? Pinning App

- Dangerous job
- Visy Application
- New stations at ends of quay keep clerks away from cranes
- Clerks match TT ID, box IDs and pin requirements via handheld
- Navis Interface
- Web application

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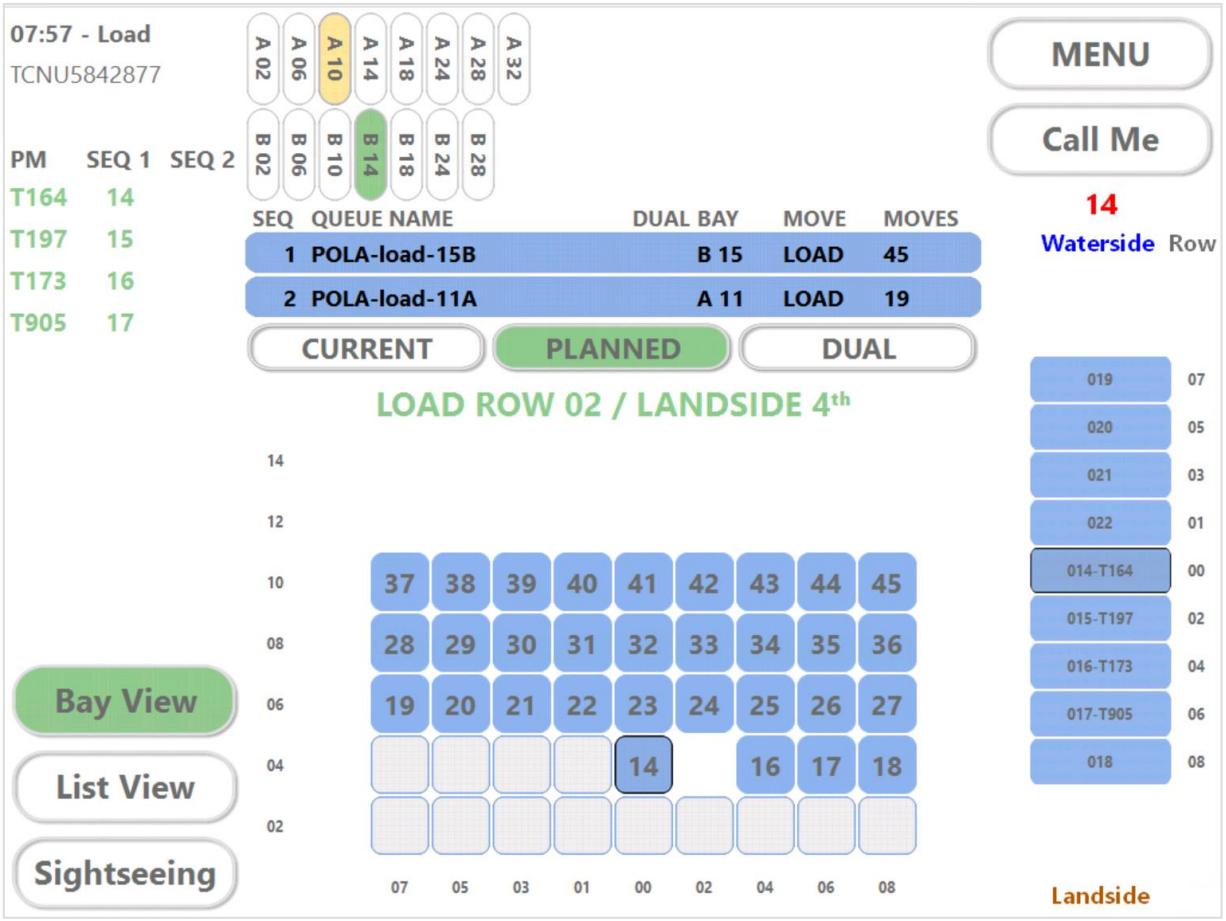
Expand Your vision

Safe, Fast & Accurate Load/Discharge in Real Time?



- Paper to Digital
- Instructions:
  - Audio
  - Visual
- Screen and Communications tool for crane operators and shift supervisors
- Load: Integrated with N4 TOS to automatically confirm container movements into planned / actual locations
- Discharge: Integrated with N4 TOS to link Box ID to TT and workorder

MENU
Kontakt
Rozładunek
Załadunek
Dual
Widok listy
Przeglądaj
WODA
LOAD
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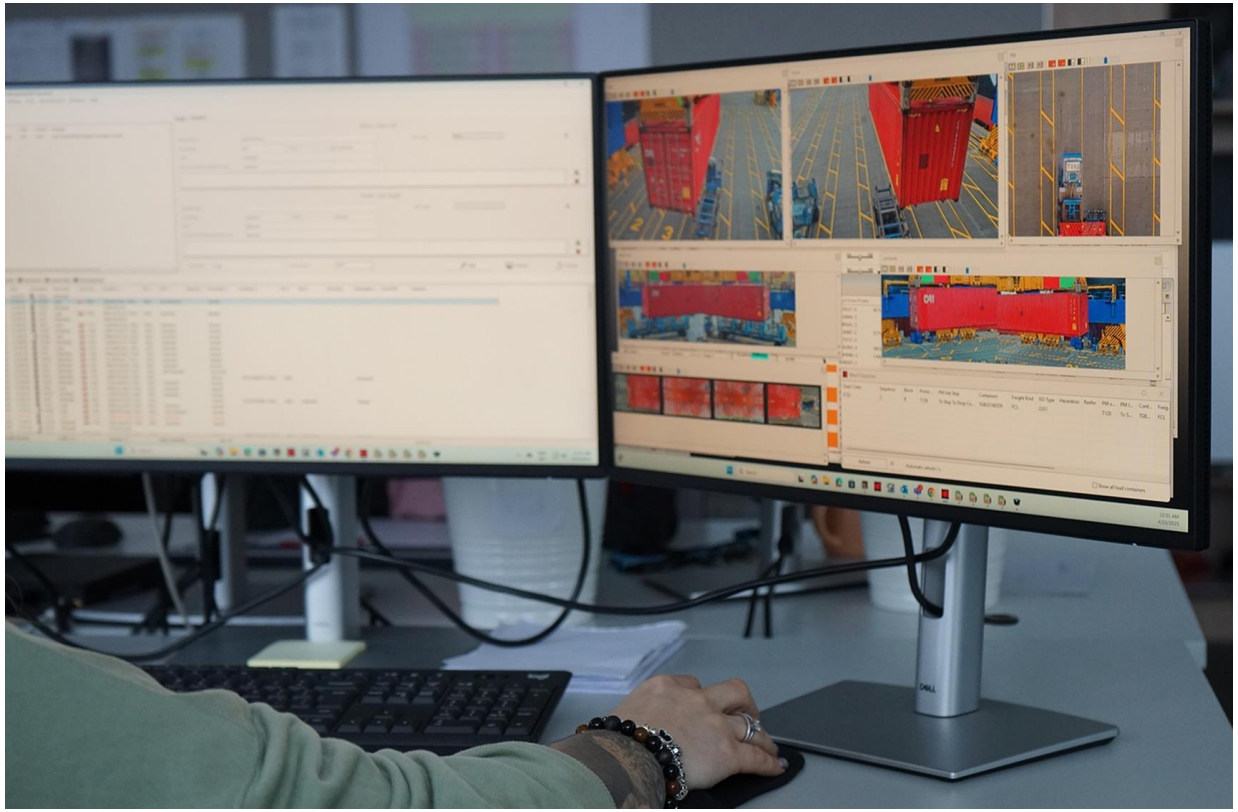
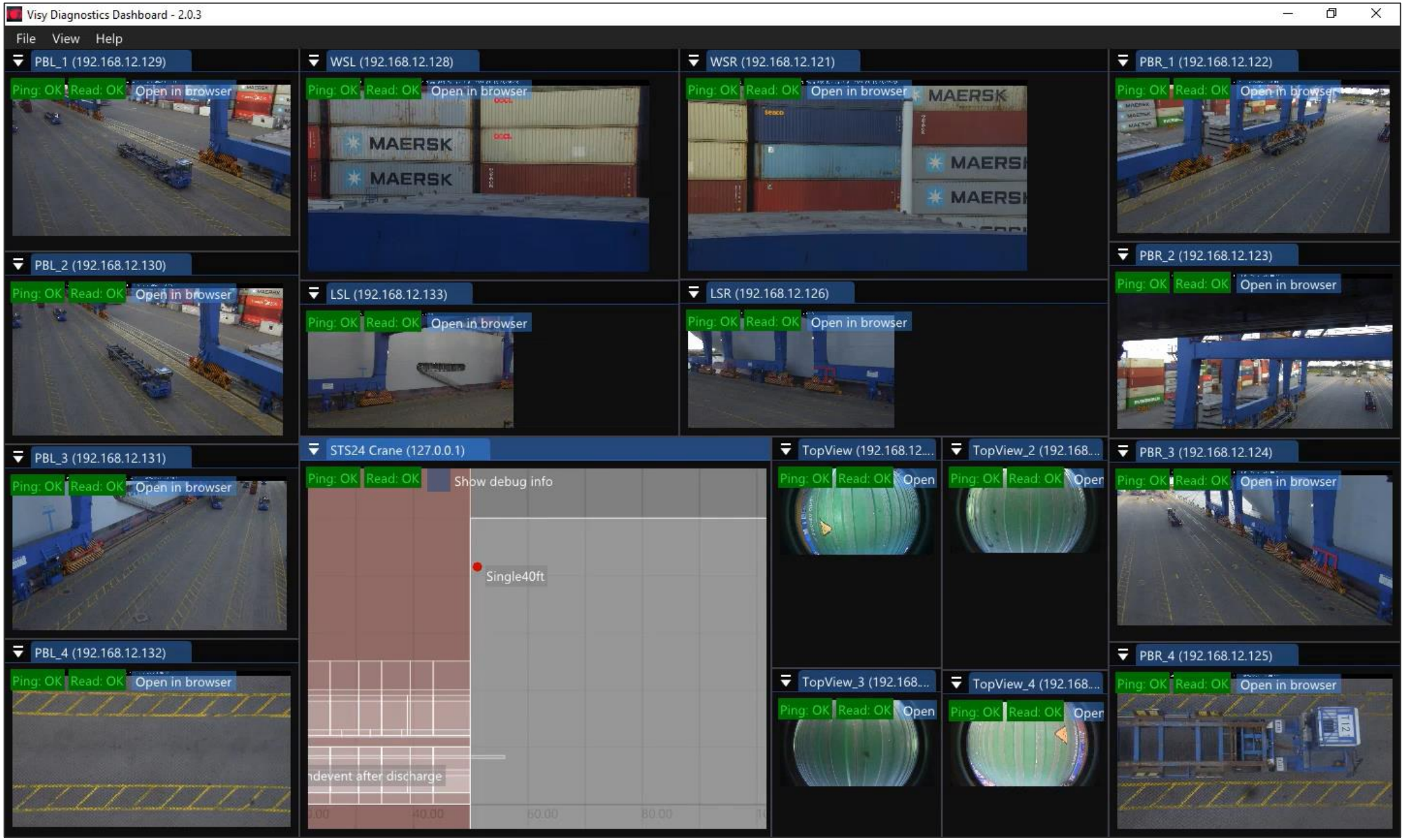
Visy Crane Gate – Central Dispatcher View



- Visy Crane Gate OS
- Exception handling
- Monitoring overall operations in real time
- Loading sequences: Box & TT
- Communication with crane operators via Wharf App
- Integrated with N4 TOS
- 3 operators for 21 cranes = 7:1 ratio



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Visy Crane Gate – Diagnostics
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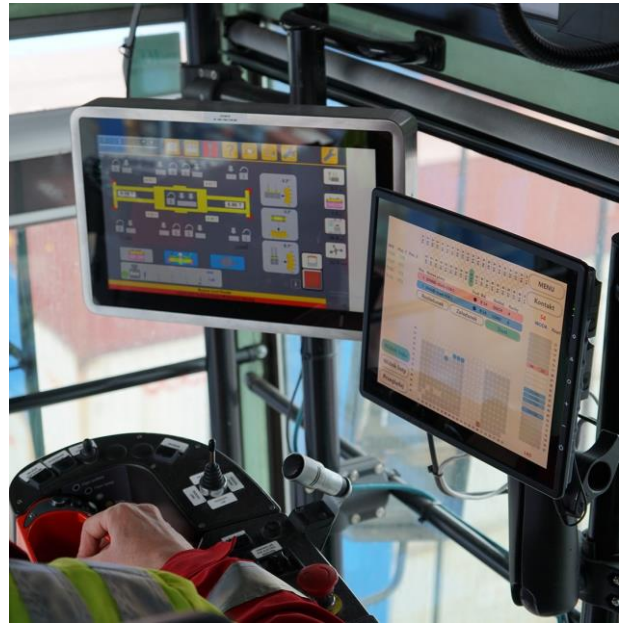
Results Matter:
Improvements Across all Operational Metrics

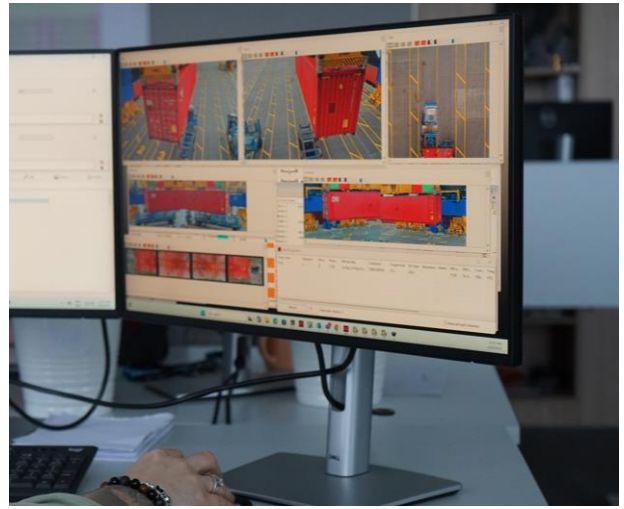
Technology	Impact
AI Vision Tech	Data Accuracy
Pinning App	Safe Operations
Wharf App	Fast and Correct Moves
Dispatcher tools	Optimize: Swapping / Dynamic

Mission Accomplished:

2.2 ➡ 4.5 million TEUs

Not all Automation is the Same:
Let's talk.





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