

SEAL Robotics

Securing your Cargo – Sealing the Future.

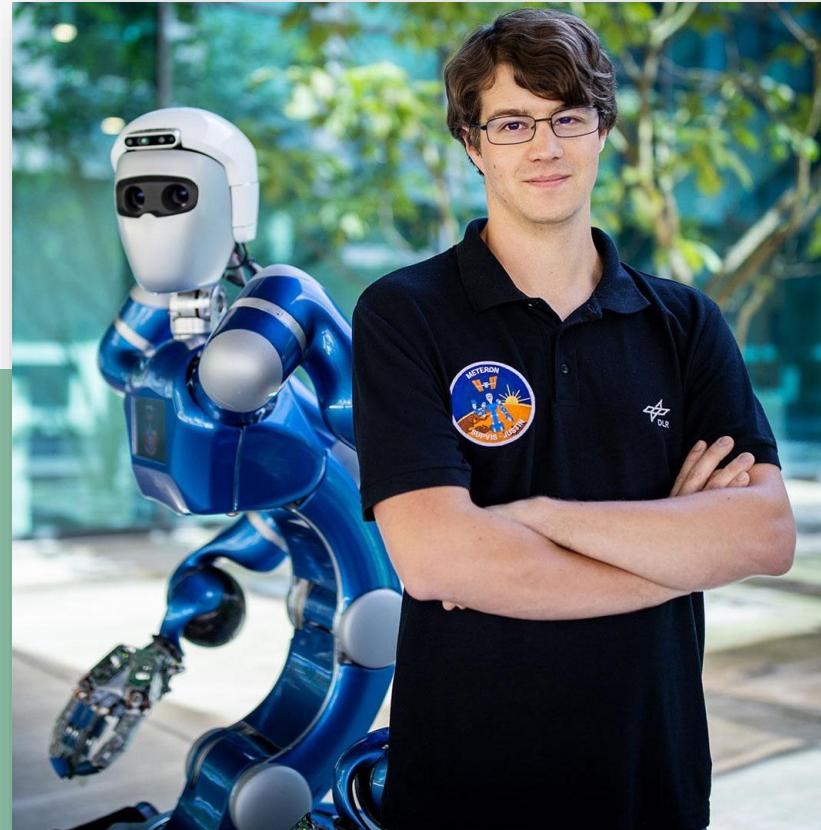
Marie-Elisabeth Makohl – Founder & CEO



We Discovered the Missing Links in Terminal Automation



Marie-Elisabeth Makohl
Chief Executive Officer



Dr.-Ing. Daniel Leidner
Chief Technology Officer



Attaching



Removing



Closing



Opening



Solving your Biggest Pain Point

Illegal workarounds

Forgotten twistlocks

Container damage

Unplanned crane idle time

Accidents, injuries, fatalities

Crane uptime
increases by 5%

Predictable
uninterrupted
operations

Operating Where you Need it Most!



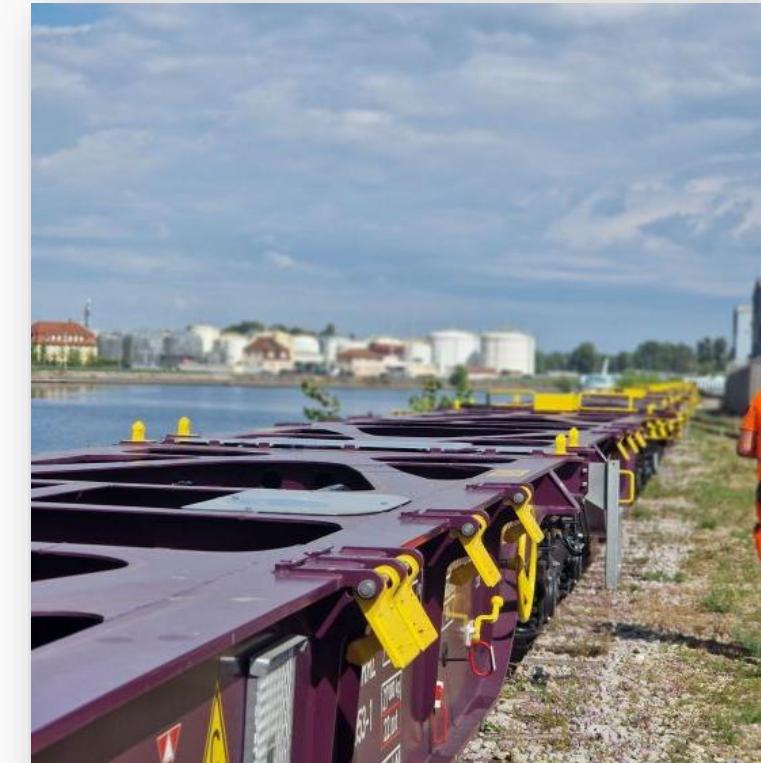
Waterside



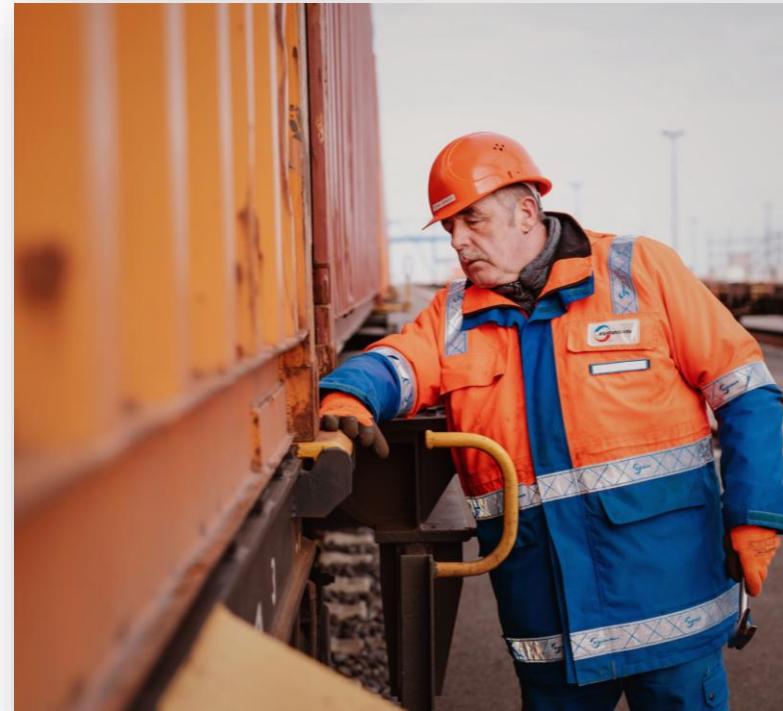
Vessel Side



Hinterland

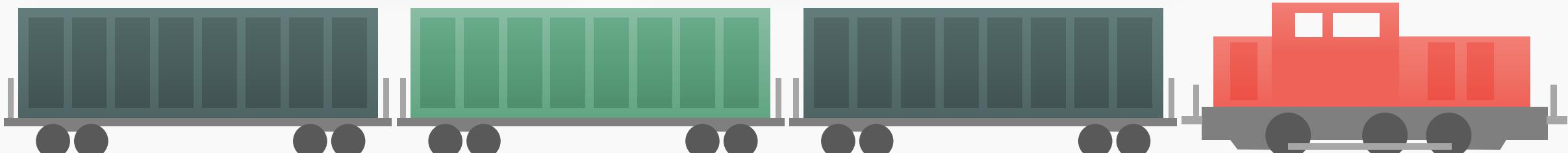


Automating the Hinterland



Pin Configuration
Adjustment

Final Check-Out



Human-Oriented Automation

A composite image showing a person operating a control station with multiple screens and a robotic arm in a shipping yard. The left side of the image shows a person from behind, seated at a desk with multiple computer monitors displaying various data and video feeds. The right side shows a close-up of a robotic arm interacting with shipping containers in a port environment.

Shorter access distances
Weather-independent
Reduced hazards
Inclusive working conditions



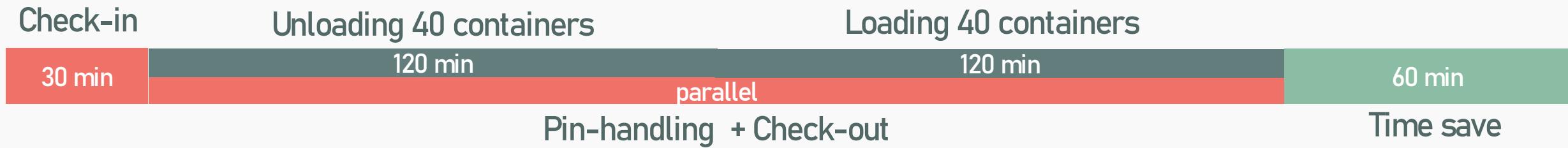
Pin Handling - Time Savings per Train



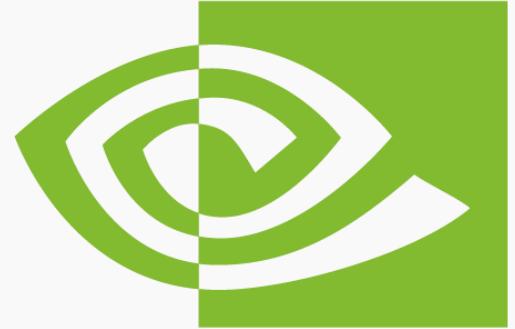
Manual Pin Handling (330 min)



SEAL Robotics Pin Handling (270 min)

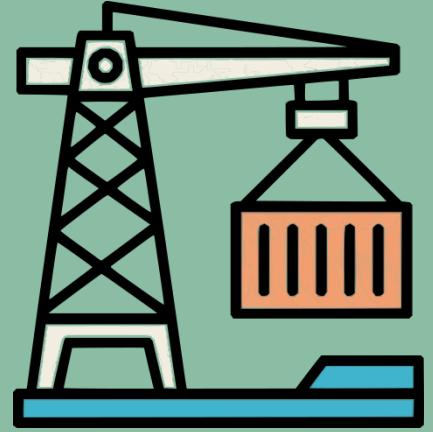




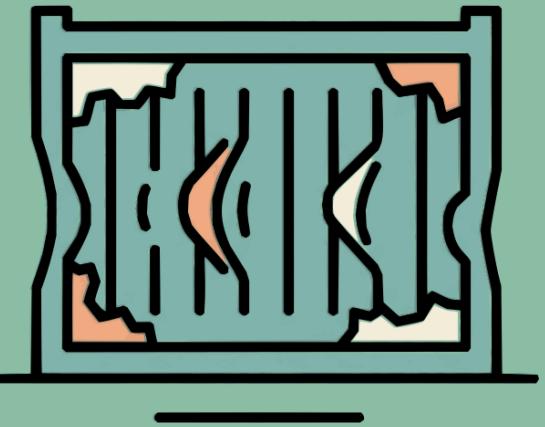


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INCEPTION PROGRAM



Faster turnaround



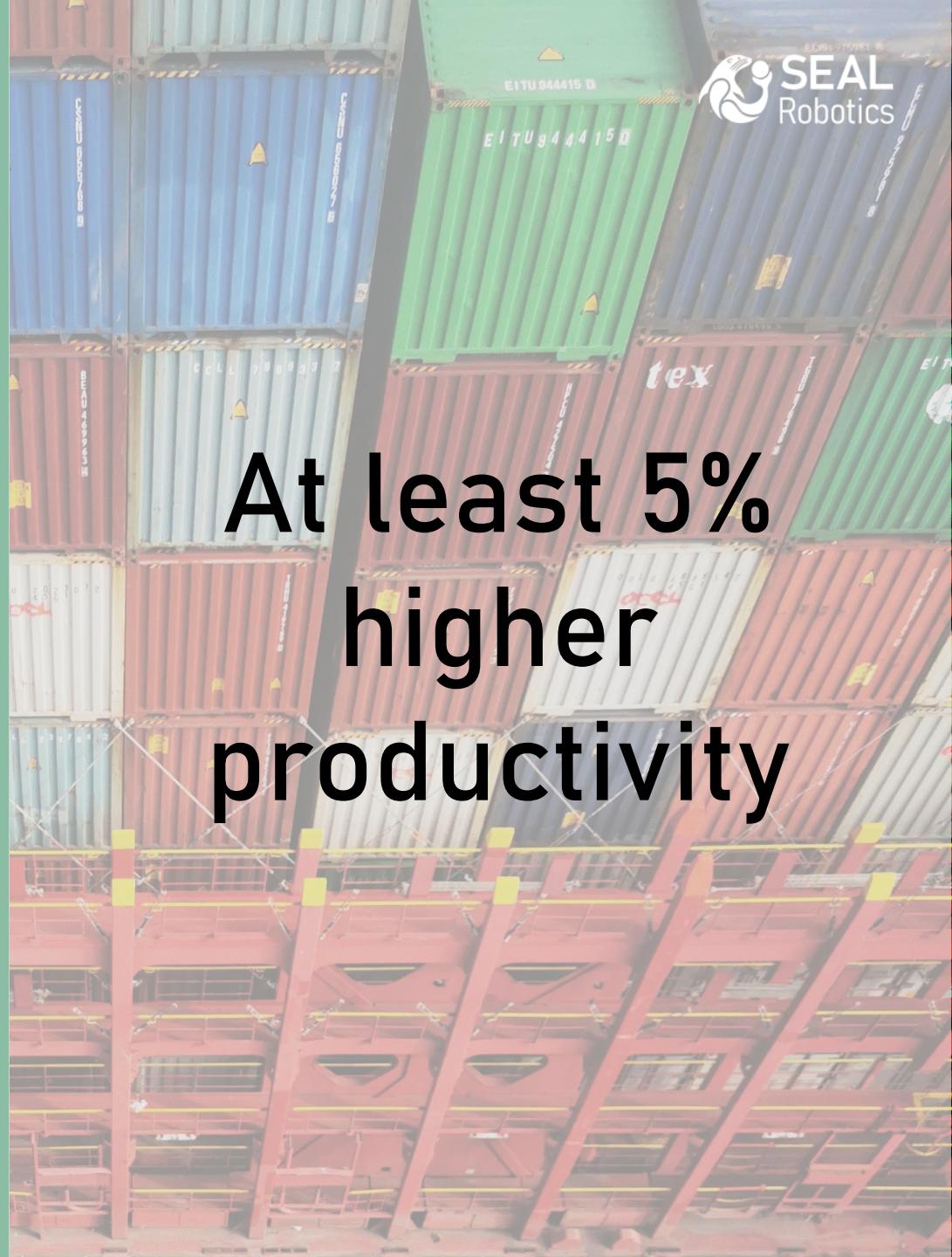
Hazard reduction



Reduced costs



Full traceability



At least 5%
higher
productivity