

SEAL Robotics

Securing your Cargo – Sealing the Future.

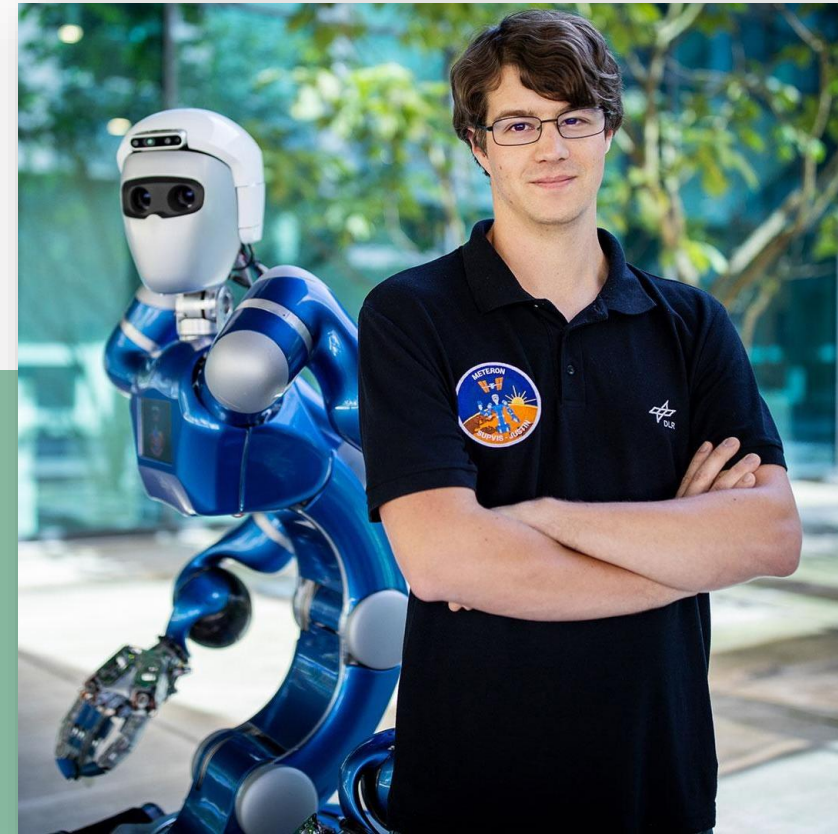
Marie-Elisabeth Makohl – Founder & CEO



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!

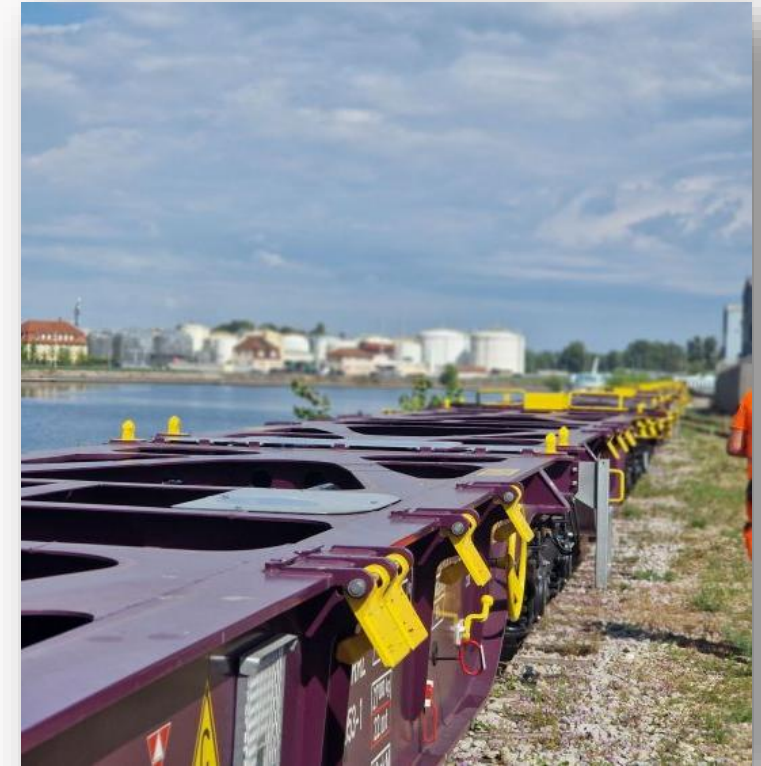
Waterside



Vesselside



Hinterland

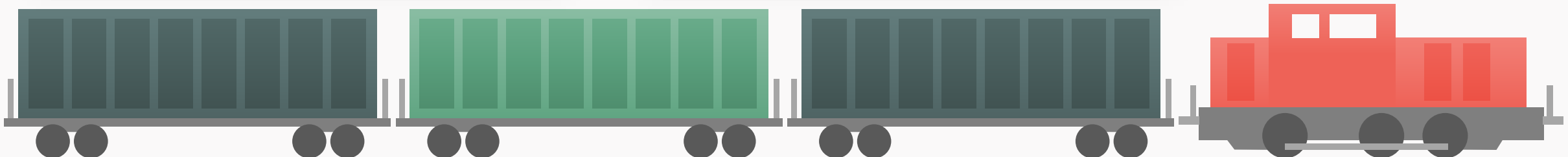


Automating the Hinterland



Pin Configuration
Adjustment

Final Check-Out



Shorter access distances
Weather-independent
Reduced hazards
Inclusive working conditions



NOTION

teck

teck

YELLOW
S RAIL

ATTEN...
SWITCH ALLWAYS
CHANGEVER

Max 36t
5-6

37 80
TEN D -MFD

2 x KE-GP-A
MAX: 108t (39

	A	B	C
S	69.2	81.2	96.2
SS	69.2	81.2	96.2

23

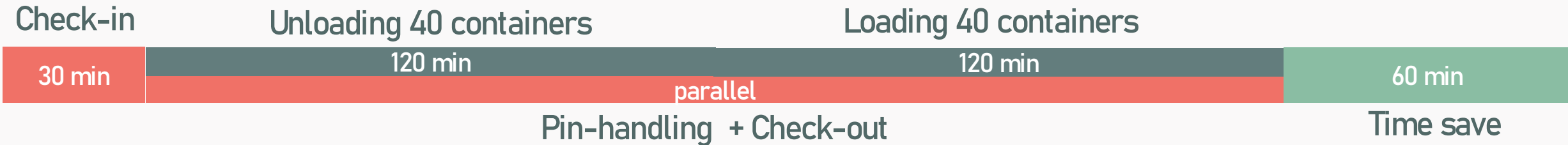
Pin Handling - Time Savings per Train



Manual Pin Handling (330 min)



SEAL Robotics Pin Handling (270 min)





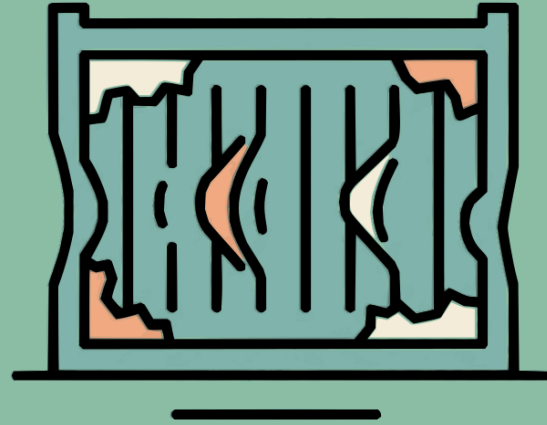


NVIDIA®

**INCEPTION
PROGRAM**



Faster turnaround



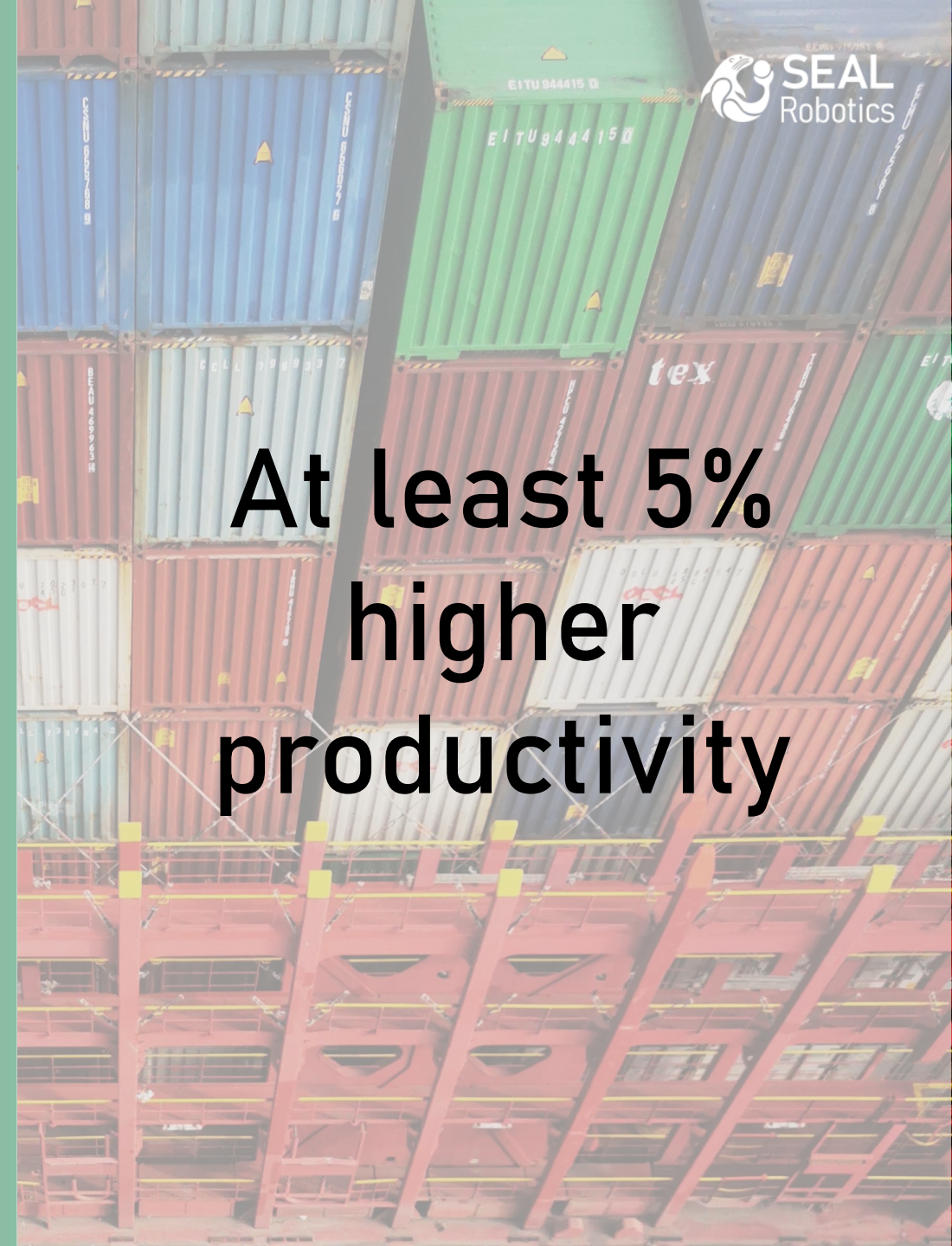
Hazard reduction



Reduced costs



Full tracability



At least 5%
higher
productivity