

Crane simulators to increase port productivity and safety.





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- **LIEBHERR** Group & Port Equipment
- Improve the productivity level: Equipment People
- Liebherr Simulator, LiSIM
- ■Track performance evaluating the progression
- Safety
- Productivity increase



LIEBHERR – a family business





Port Equipment - Ship to shores





Port Equipment - Ship to shores & RTG





Port Equipment – Mobile Harbour Cranes



Port Equipment – Mobile Harbour Cranes





Port Equipment - Ship Cranes





Port Equipment – Material Handling Equipment





Port Equipment – Straddle Carriers







Port Equipment - Reachstackers





LIEBHERR Werk Nenzing – AUSTRIA





LIEBHERR Rostock - GERMANY





LIEBHERR Killarney – IRELAND





Shipping and port industry - Port Challenges

Increasing of container and cargo volume

We must find clever ways to improve the productivity level

Equipment



&

Convright Liebherr 2

Equipment productivity – Innovation

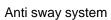
Innovation





Smart Grip®
Grab optimization

Cycoptronic®



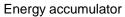


Teach-In®

Semi Automatisation



Pactronic®





Sycratronic®

Tandem heavy lift





People productivity – Education/Training

Education



Training center



Training on site



Simulator training



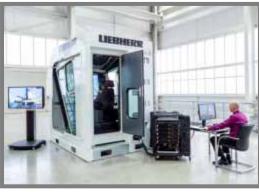
Need a new level of realism and efficiency

LiSIM Liebherr Simulator – Advanced training

Classroom



Cabin



Container

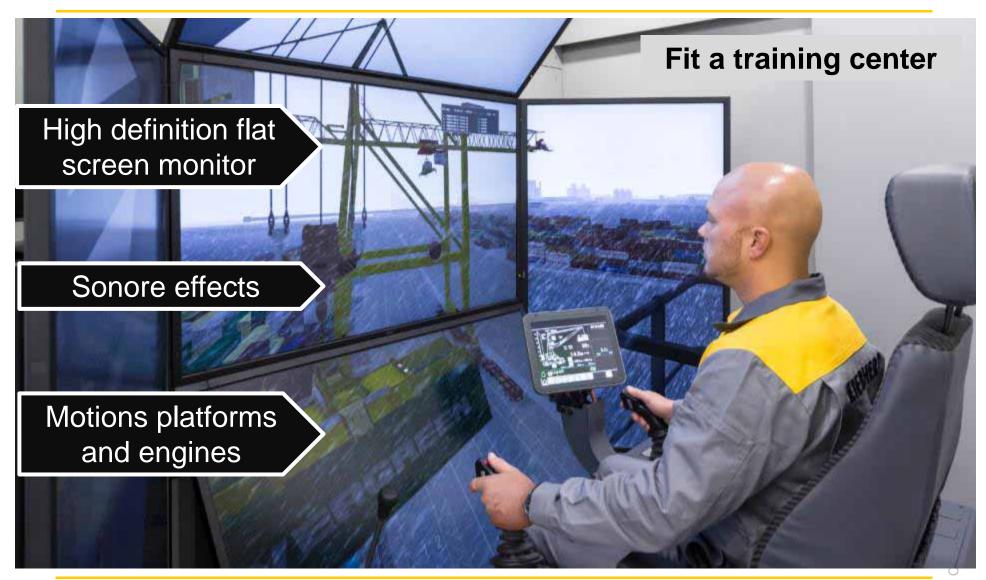




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Solutions – classroom





Solutions – Cabin





Solutions – Container.





Track performance – Evaluating the progression



Data recording

Diagnostic

Reports & new exercices

Track the performance over time

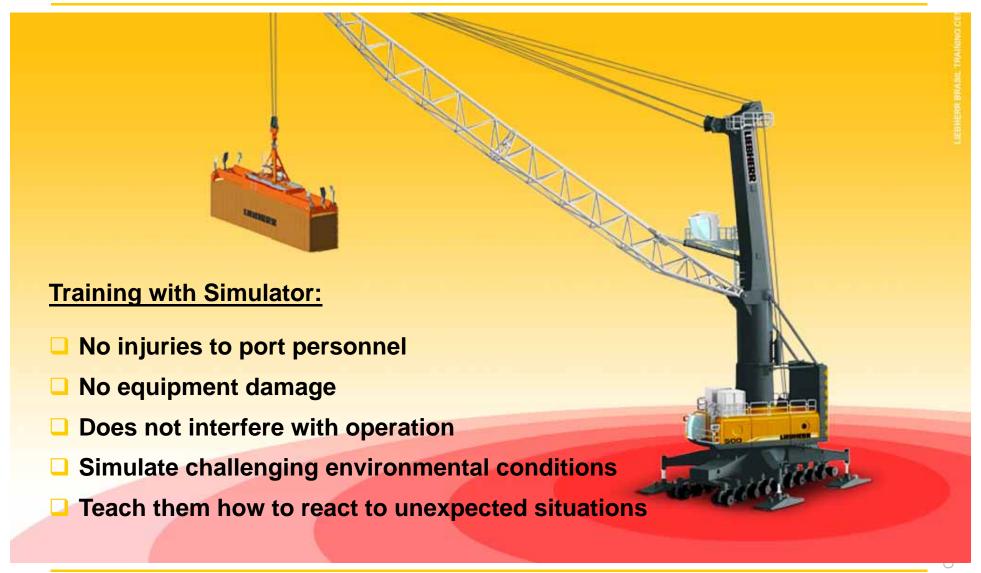
Detect bottle necks, discover potential

Provide evaluation and solutions

Copyright Li

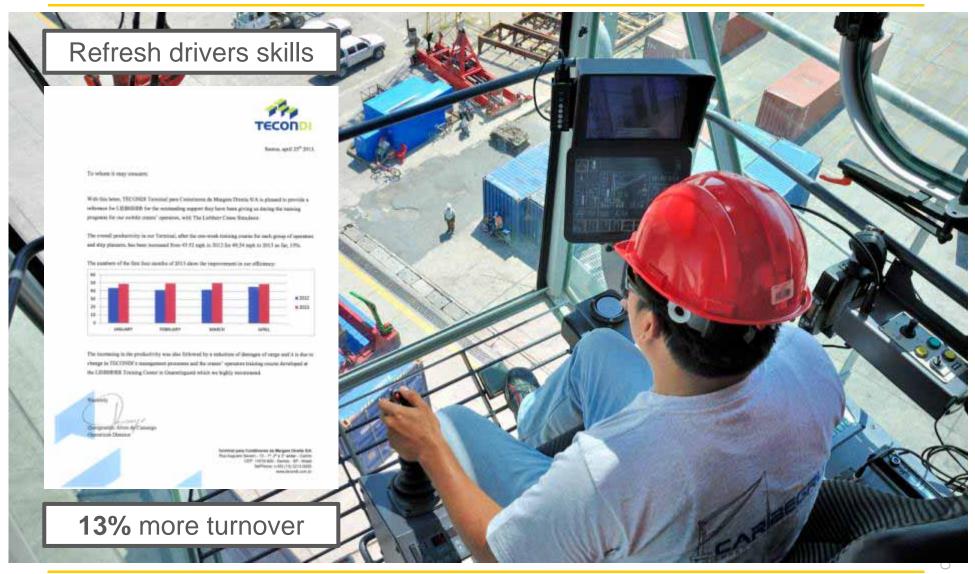


Safety- with LiSIM®





Productivity increase – with Liebherr Simulator®





Thank you for your attention



