



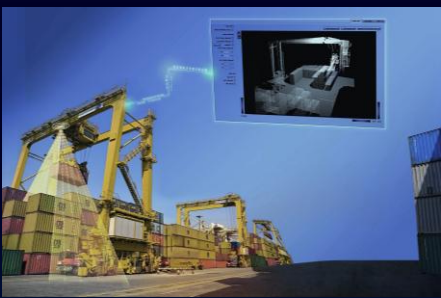
SIMOCRANE

Strategy and technology overview

Crane technology for all crane tasks

SIEMENS

SIMOCRANE Solutions Strategy and offering



Zero Harm

Increase of **Safety** and productivity by higher safety level

Certified and state of the art **Cyber Security** solutions for all levels of the automation



Cost Savings

Integration & Standardization & Usability allow reduction of hardware costs and shorter commissioning time

Energy saving & CO2 footprint reduction by ECO solutions



Faster Execution & Optimized Logistics

Logistic Simulation allows an early optimization of performance and material flow control

Crane Simulation shortens the design and development time



Higher Availability

Digital Services empower reduction of down times

Predictive maintenance reduces the probability of down times



Performance

Cutting-Edge technologies empower new business models and automation applications

The usage of advanced **Artificial Intelligence** technology leads to high performance pattern recognition systems

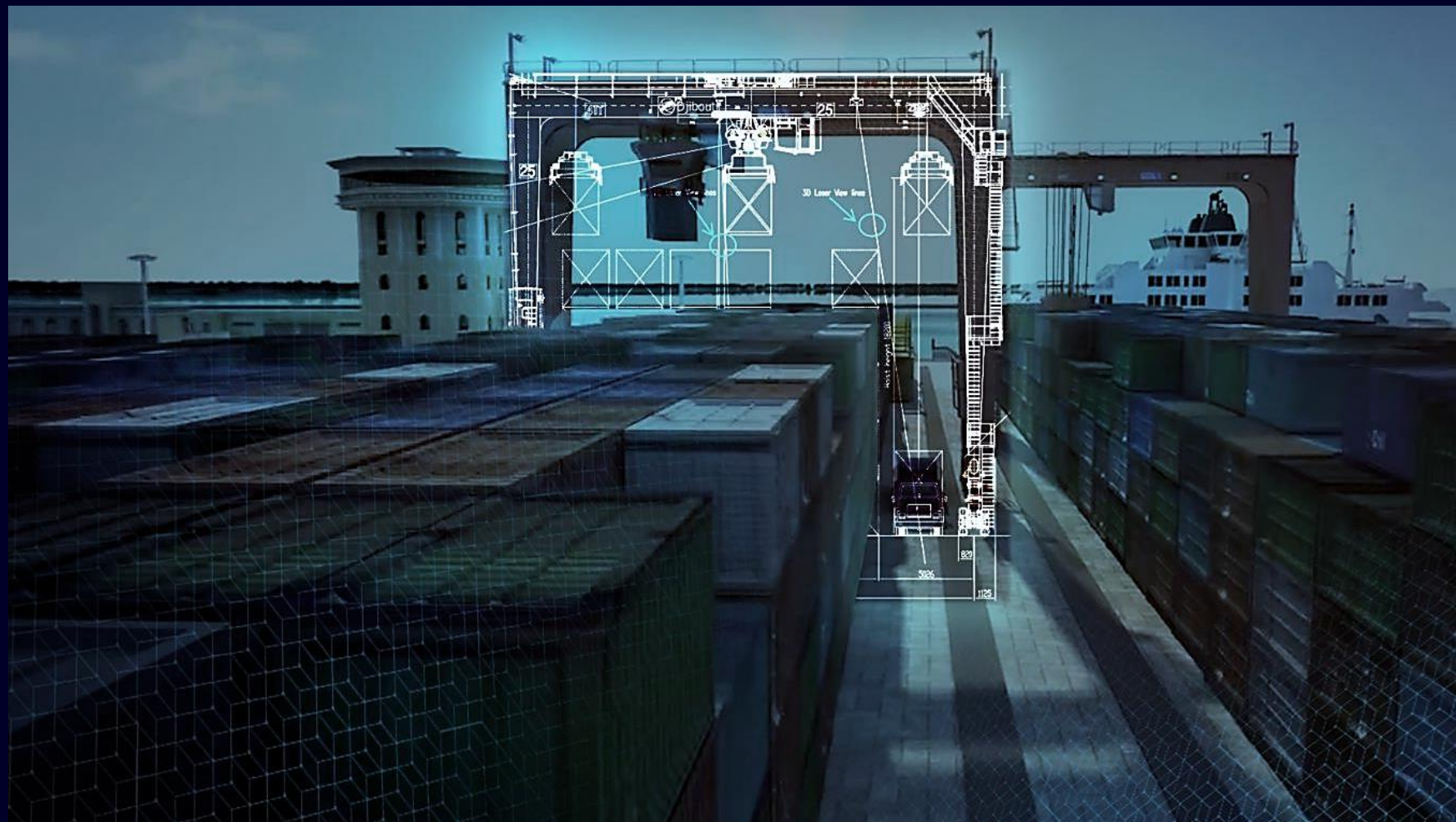
SIMOCRANE

Strategy and offering

Simulation

- Early performance optimization
- O&M trainings
- Virtual tests
- Reduced development and commissioning time

Faster Execution

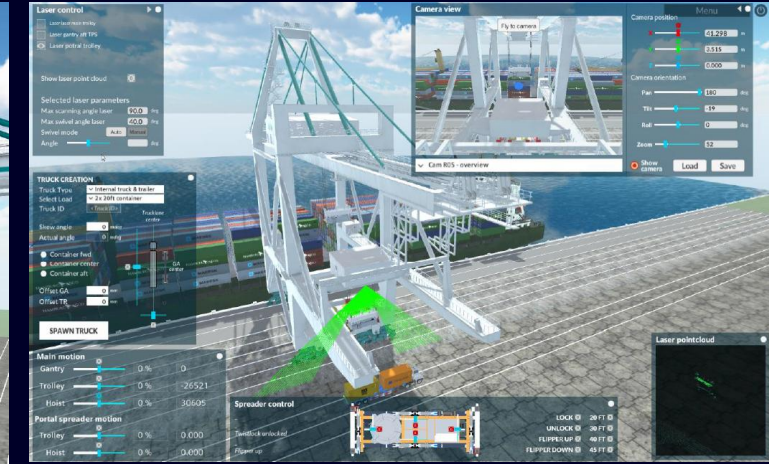


Sales Simulator

Unleashing the power of a fully virtual environment

The Sales Simulator:

- directly executable on office notebooks
- includes holistic model of cameras, lasers, trucks, stacks, spreader controls
- allows to generate and discuss different scenarios ‚Live‘ with end-customers
- can also be used in web meetings (runs stable)



Align and evaluate the project's outcome before commissioning.

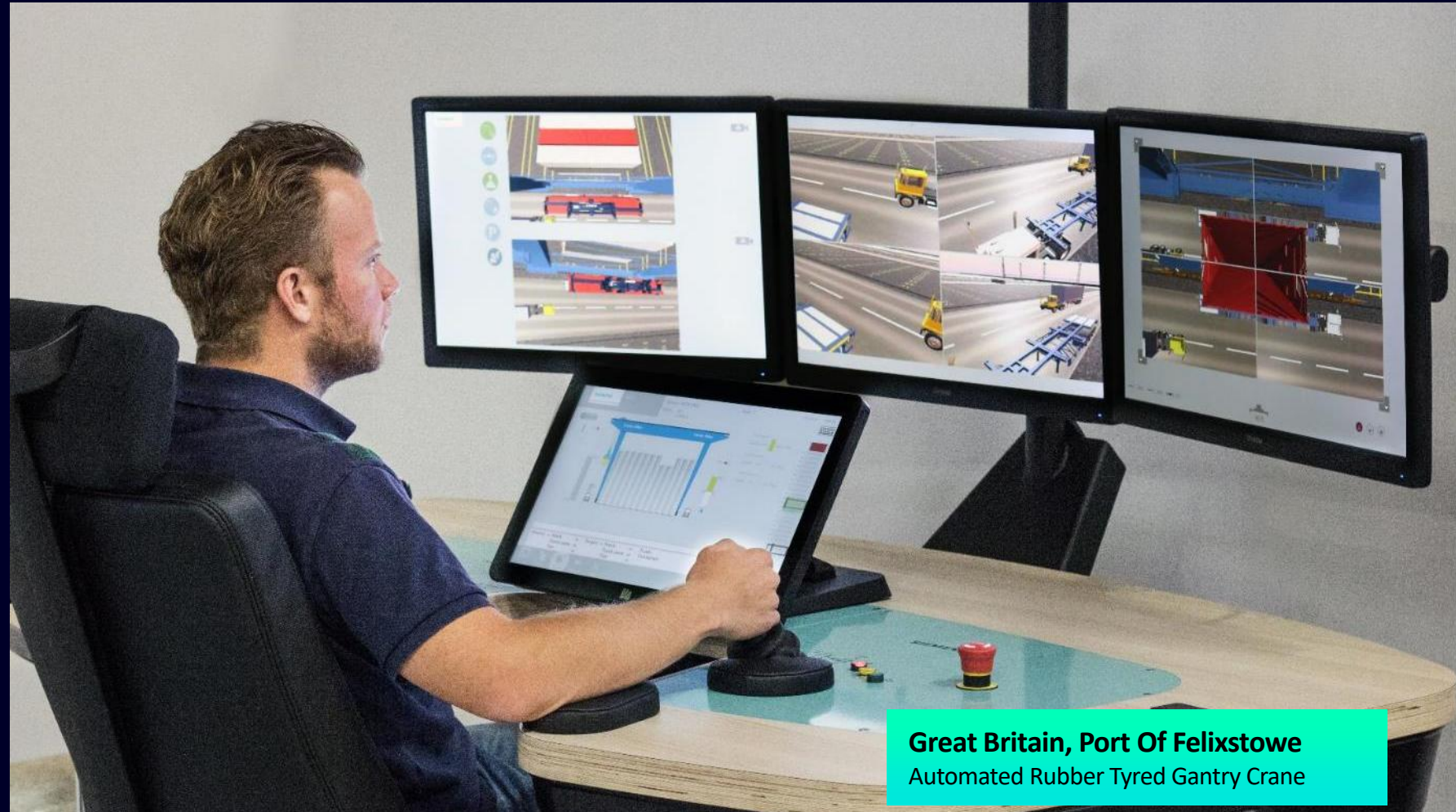


Benefit from first-time-right solutions.

Crane commissioning Operator Training Simulator

Training on digital twin

- STS, RTG and RMG training in a simulated environment ahead of plant start-up.
- SIMOCRANE RCOS, SIMOCRANE SIM



Great Britain, Port Of Felixstowe
Automated Rubber Tyred Gantry Crane