



Your port



Our port crane simulator

Key simulation features

- **Cranes:** Ship-to-Shore Gantry Crane, Rubber Tyre Gantry Crane, Rail Mounted Gantry Crane, Straddle Carrier, Mobile Harbour Crane, Portal Jib & Multipurpose Crane, Ship's Crane
- **Various containers and goods**
- **Multiple cargo/boat types**
- **Adjustable conditions:** wind direction and intensity, rain, fog, mist, snow, wave height, tide, time, shadows, people, dock objects and equipment, vehicle and rail traffic
- **Cabin camera, camera surveillance**
- **Control system equipment**
- **Trainee and instructor cabins**



- **EVa system** (web interface for participant evaluation)

About OILTEC Solutions

OILTEC Solutions is an experienced global market leader providing simulation technologies to the Oil & Gas and Crane industries.

For more than two decades OILTEC Solutions has delivered high quality software, turn-key simulators, top-end training -to thousands of students- and 3D simulation studies to leading oil & gas, marine and port customers around the globe.

Customized crane training

hiCRANE Port simulators provide high quality 3D visualization of a synthesized virtual container or bulk terminal. In the full-scale simulators, the crane operator is seated in a cabin fully surrounded by an interactive world, which can be easily populated and configured by the instructor. He has full flexibility to generate exercises resembling real conditions. The combination of visual information, physical movements and audio, results in a very realistic simulation of the actual working environment. Moreover, the ability to log, replay, report and analyse simulation runs, helps the instructor to execute the training in the most efficient manner. After-action review reinforces and measures operator performance. By simulating a wide variety of operating conditions, equipment failures and complex operational situations, the simulator provides a hands-on experience operating a crane in difficult and demanding conditions. hiCRANE Port can be suited to every customer's needs thanks to our wide range of flexible components.

consequence they will create a safer working environment for everyone on site. Our simulator gives you the opportunity to implement one training practice and a certification framework. By reducing errors, damage and accidents, you decrease the number of On-the-Job Training days needed and operators reach their production targets more quickly. By lowering the risk, you have less production stops and you can cut down your operation insurance costs. Saving port and terminal operator time and money, our simulators are the ideal cost-effective way to get port or terminal in a more productive, proficient and safe working environment for your personnel and cargo. Our hiCRANE Port simulators are in use, safely reducing costs for port and terminal operators all over the world.

hiCRANE specifics

Our hiCRANE simulators offer a uniquely high level of realism, standard or customized solutions, a wide variety of hardware options, a modular system, fixed and mobile versions, high scenario flexibility and user-friendly interface.

Cost saving opportunity

Purchasing a customized hiCRANE Port simulator will let you conduct training sessions on your own facilities, using your own procedures, without impacting on equipment operational downtime. Unlike conventional training, our simulators let you repeat training scenarios as many times as needed. Your crane operators will gain and improve the basic and advanced skill sets they will need to be safe, reliable and productive on the job. In

Some clients using hiCRANE Port

- **APM Terminals**
- **STC, Holland**
- **DP World**
- **Sestibalsa, Spain**
- **PMA, USA**
- **CNOOC, China**
- **PSA, Singapore**

