

Instructor Operating Station

All-in-one solution for monitoring and assessing port equipment operator training

Presenting the IOS /

The Instructor Operating Station (IOS) is CM Labs' dedicated solution for directing, monitoring, and assessing trainees. Designed to complement CM Labs' Vortex Port Equipment Simulators, the IOS provides rich functionality for directing engaging training sessions, while its monitoring tools enable a 360-degree perspective on trainee progress.

Benefits /

Challenge trainees for maximum learning effectiveness

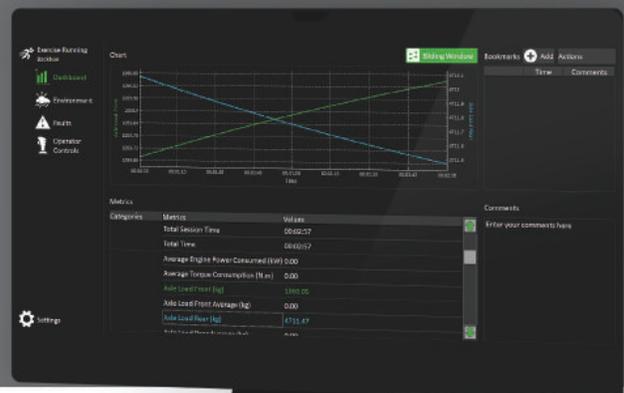
With the IOS, you can expose operators to the variable kinds of situations they will experience in real life. Set time of day, as well as weather conditions including fog, and wind speed & direction. At any time, the instructor can inject machine faults including climate events, snag loads, and mechanical failures.

Benchmark trainees easily with smart assessment tools

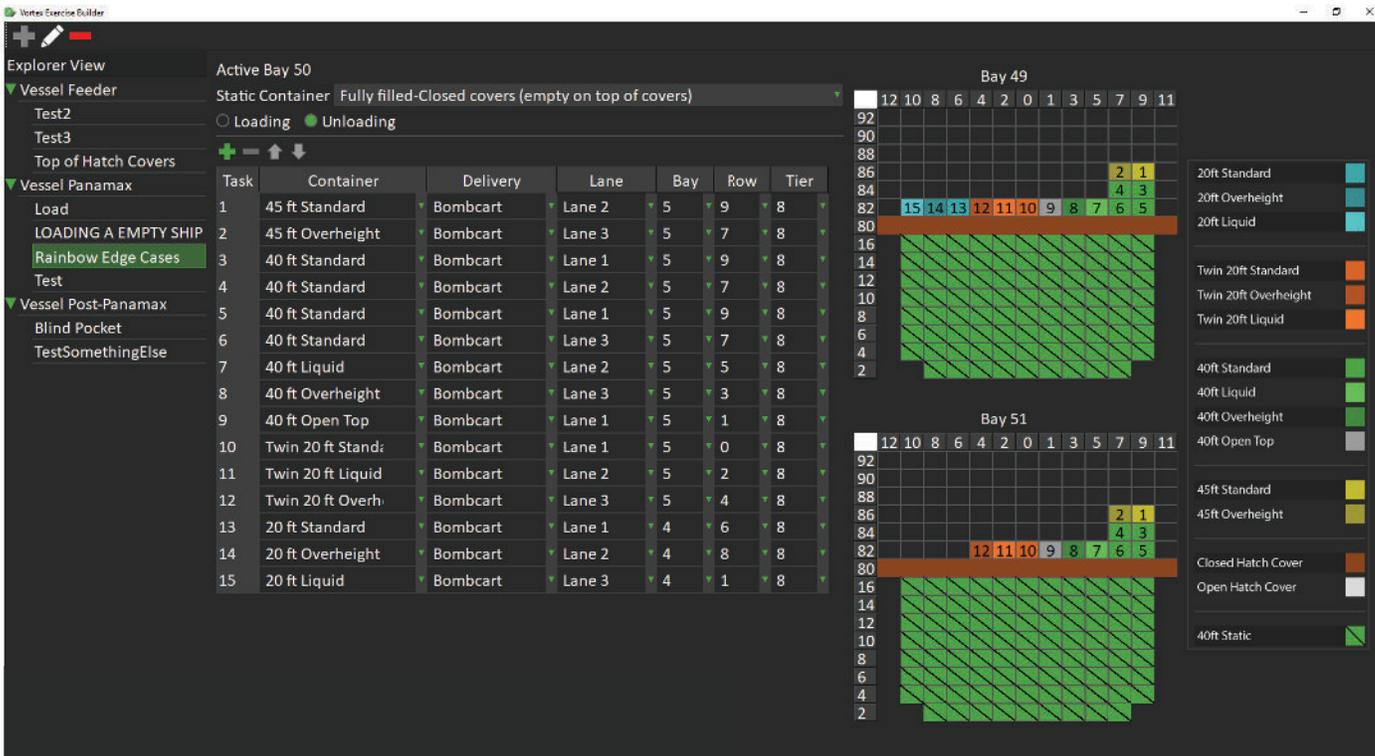
The IOS offers a host of automated monitoring tools, including reporting of machine and performance data, rolled up into a single score that updates in real time. At any point during the training session, you can use the IOS to add bookmarks and notes to the training session for later review.

Generate objective reporting on trainee readiness

After each training session, the IOS generates reports that highlight scoring, selected instructor bookmarks, notes, and charts that allow organisations to objectively document trainee readiness, provide an indication of areas for improvement, and ultimately train a safer, more effective operator.



IOS Features /



Scales up with your training

With the IOS, you can add any solution from CM Labs' suite of training tools, at any time. This includes CM Labs' full catalogue of training solutions, including STS Cranes, Mobile Harbour Crane, Ship Pedestal Crane, Internal Transfer Vehicle, Forklift, RTG Crane, Straddle Carrier, Reach Stacker, and Empty Container Handler, as well as heavy equipment (Mobile Crane, Boom Truck Crane, Dozer, Excavator), and more.

Container path tracing report

The IOS is the only training solution that displays and captures a Container Path Tracing report in real time. This report indicates the trajectory of a container as it is manipulated by an operator, and provides the instructor with a report that helps trainees understand how to achieve the optimal, most productive path.

Customisable scoring

The IOS tracks all operating metrics during training exercises, and rolls them up into a single score that updates in real time. It is the only simulator training solution that gives trainers and managers the ability to customise this scoring system and establish their own benchmarks, according to the operator attributes they want to target.

Unlimited training exercises

Trainers can adapt simulator exercises to their requirements with the Exercise Builder feature built into the IOS. This lets them create unlimited updates to existing training exercises, conduct post-incident reviews, and train for prevention of specific incidents.



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