



RCO Simulation

Virtual Reality - Real Results



Increase
Safety
Increase
Velocity
Improve
Operating
Ratio

Remote Control Operation (RCO) using PST's state-of-the-art simulator

PS Technology's Remote Control Operator (RCO) Simulation System allows railroads to train operators on the safe and efficient movement of equipment via a simulated operator control unit (OCU). Trainees operate in a simulated rail yard environment that creates a "suspension of disbelief." Rail yards and industry locations are modeled to replicate actual layouts and proles of existing locations. Students have "free roam" capability in this environment with the ability to line switches, lock and unlock derrails, and manipulate other appliances in order to accomplish specific training goals.

Scenarios: The RCO simulation training challenges, trains and tests the operators with a wide range of scenarios that depict realistic situations encountered in the field via realistic OCU usage. These scenarios include:

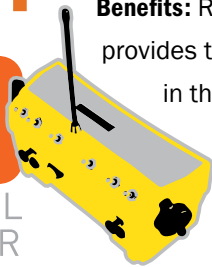
- OCU initialization/shutdown,
- Pitch and Catch,
- Train Handling,
- Yard/Industry Switching,
- Hump Operations
- Short/Long Term Shutdown.

Scoring: On completion of the each scenario the trainee is scored on efficiency, safety, and task completion. Railroad specific safety rules are built into the program and alerts the user when these rules are violated.

Safety Culture: PS Technology's simulation solutions provide support to each railroad's safety culture. RCO simulation technology greatly increases the skills and confidence of employees prior to real world interaction with rail equipment. This translates into safer employees and a reduction of incidents.

Benefits: RCO simulation training enhances employee skills and provides the confidence to effectively perform required duties in the Field. Deficiencies can be rectified on the simulator prior to actual field use, resulting in a reduction of yard based incidents. In addition, classroom training equates to economized asset utilization in the field, reducing fuels costs and yard congestion.

RCO
REMOTE CONTROL
OPERATOR



[InterDynamics/RCO](#)



Simulation

Current Customers

Comprehensive safety and turnkey training. Together.

Success Stories

Norfolk Southern

“The team at PST has proved to be an invaluable partner for Norfolk Southern after a negative relationship with another simulation provider. PST has provided NS with Locomotive, PTC, RCO, and Conductor Simulations. They have built out our entire track network and are working closely with us to develop the next wave of simulation solutions. I’ve found their team to be extremely responsive and attentive to our company’s needs and would highly recommend them to anyone looking for a complete simulation solution – which includes integration into an LMS, and Crew Management environment.”

Dan Bostek
Director of Operations Practices

Kansas City Southern

“PST has been great to work with compared to our prior simulation provider. They’ve provided KCS with solutions for our PTC training needs as well as our locomotive simulation training needs. We’ve also been working with PST on Event Recorder Replay which

has been huge for us on the safety side. Their responsiveness and customer service with any issues is refreshing. I’d highly recommend PST to others considering using simulation for training as well as incident recreation.”

Scott Spears
Director Technical Training

Montana Rail Link

“Our implementation went smoothly here at MRL and the PST team had MRL up and running in a matter of two days with no notable issues. The support team was helpful in training and walking MRL managers through the configuration process. Drew and Tim (PST support) responded quickly to resolve and questions or issues we may have had. Our business case for PST Sims was based on reducing course training to half of it’s original length so there were significant savings year over year to produce hard cost savings on payroll. Crew availability also increases in this case.”

AJ Erdman
Asst. Director Training, Rules & Safety



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