

Virtual Reality (VR) Training Experiences Provide Real Training Results

Operating nuclear plants in a safe and compliant way requires almost perfect employee performance; and perfection requires practice. That is why nuclear energy providers spend millions of dollars a year on training.

The best possible nuclear training site is the actual plant environment, absent the hazards and radiation, but that is impossible. As a result, plant operators typically have to rely on mock-ups that generalize environments or simulators of specific items or sections of a facility.

Oberon Technologies' VR (Virtual Reality) Training courses are turning the impossible into a reality by providing safe and cost-effective training alternatives that look authentic and engage multiple senses, providing a more genuine learning experience. These fully immersive environments can realistically represent the entire plant or exact equipment so trainees can work through real-world scenarios and unexpected hazards in a safe, risk-free training experience as often as needed. By incorporating VR into your training programs, you can now save millions on training instead of spending millions and risking even more.

Learning Benefits of VR Training

Oberon's fully immersive, interactive training solutions bring realistic virtual environments to your organization. Because VR utilizes sensory memory techniques, knowledge retention rates are dramatically increased and neither trainees nor equipment is placed at risk. A recent 2020 PWC study reports that employees completed VR training programs 4 times faster than in-person training and 1.5 times faster than e-learning. In addition, VR training resulted in retention rates of up to 80% one year after training, compared to 20% just one week after traditional training.

ROI of VR Training

Research shows 30-70% is the average company's savings when they switch to virtual [remote] training. This includes costs related to technology, travel, and transportation, as well as productivity loss experienced by students taking time away from work.

Read about more eye-opening statistics and let Oberon Technologies help calculate your potential savings.

www.oberontech.com/roi

Find out what Industry Leaders already know

"Exelon's VR training environment allows the technicians to practice in a safe environment, increasing their proficiency so they may perform work effectively while also reducing exposure when repairs are needed."

—Marvin Burdick, *Corporate M&T Training Manager, Exelon*

VR reduces mockup building and storage costs, but also more closely matches a real environment both in scale and surroundings. "Your brain is convincing you that you are in that location."

—Jonathan Scruggs, *Vice President of Non-destructive Examination Solutions, Framatome*

VR is seeing "huge, huge uptake" among nuclear operators.

—Kevin Lee, *Senior Regulatory Policy Officer, Canadian Nuclear Safety Commission (CNSC)*

Read the full white paper
www.oberontech.com/whitepapers



www.oberontech.com/vr-training

Creating Virtual Worlds that Deliver Real Training Results

- FME
- PPE
- Lock Out Tag Out
- Hazard Recognition
- Walkdowns



Making Virtually Anything a Reality

Building hyper-realistic Virtual Reality environments for limitless training experiences