TECH-LABS

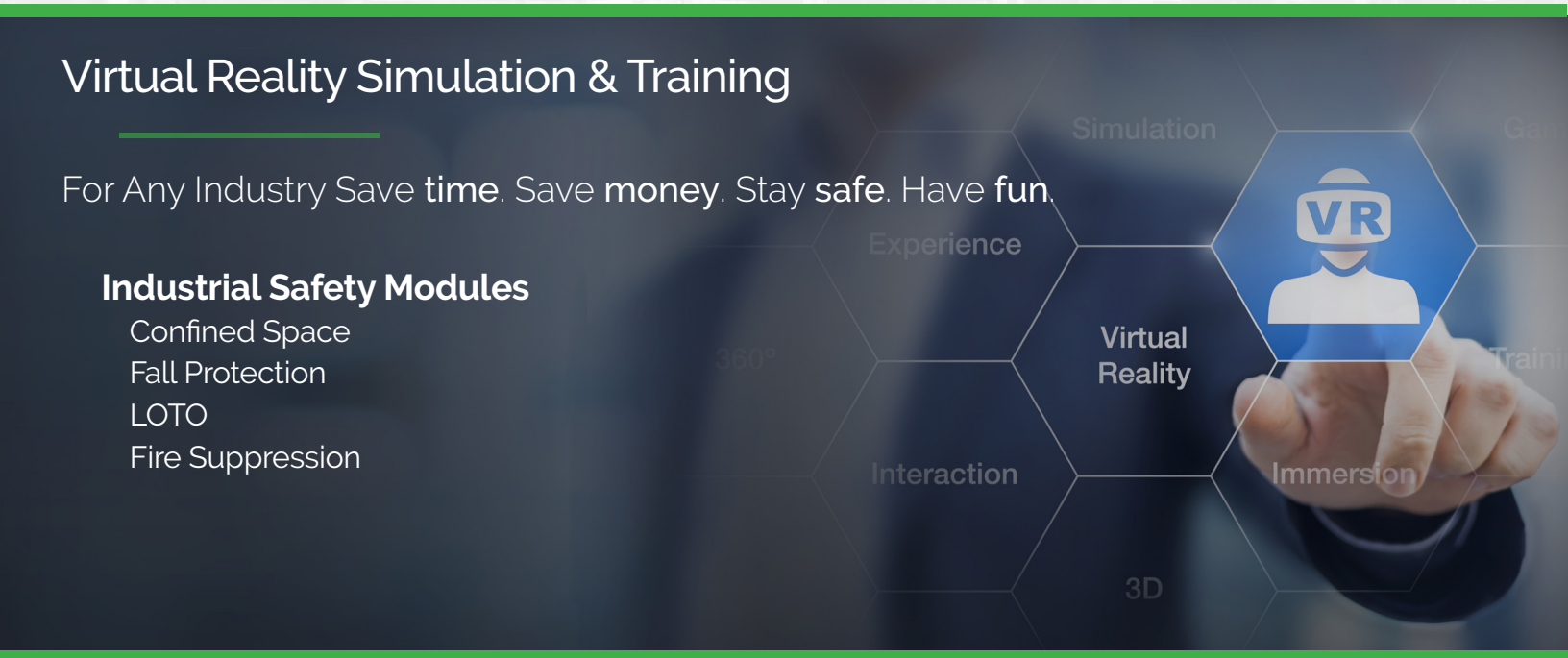
Virtual Reality Industrial Safety Training Programs

Virtual Reality Simulation & Training

For Any Industry Save **time**. Save **money**. Stay **safe**. Have **fun**.

Industrial Safety Modules

- Confined Space
- Fall Protection
- LOTO
- Fire Suppression



People learn by doing. Virtual environments provide a safe, immersive and engaging experience where students learn behavior-based safety.

Full Suite of Training Products for Industrial Scenarios

Benefits of Virtual Reality Training

Including VR in your training courses may sound a little too far-fetched, especially if you're new to it. Taking the leap from traditional training programs, to immersive learning can be a big change for many educators. We are here to help you define your training goals, and find the best solutions to achieve them.

1. Increases learner engagement
2. Increases retention rate
3. Helps learners gain proficiency faster
4. Improves employee performance
5. Reduces costs
6. Allows learners to practice in a safe environment

Successful programs should combine classroom and hands-on instructional elements.

Contact us to try our virtual reality training solutions firsthand.

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Industrial Safety Scenario Modules

Confined Spaces

Few workplace areas present as many life threatening hazards as a confined space.

Without dedicated procedures for safe entry and monitoring employees within the confined space, catastrophic events can occur. Agencies cite a failure to recognize and control the hazards as contributing factors in most confined space accidents.

Training is critical to protecting workers if they enter a confined space.

Students learn and practice hands-on:

- Appropriate communication
- Controlling hazards
- Equipment for safe entry
- Detection of hazardous conditions
- Monitoring
- Supervisor responsibilities
- Attendant responsibilities... *and much more*!

Fall Protection

Preventing falls can mean the difference between life and death.

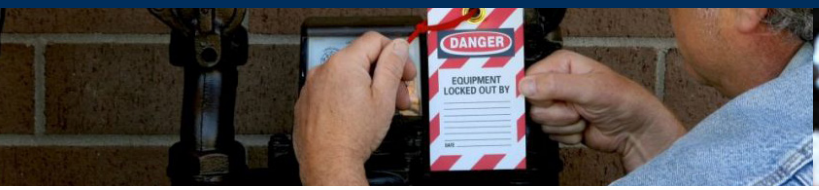
When the stakes are high, keep people safe by:

- Training all workers to use the equipment safely
- Providing the right fall protection equipment
- Planning to get the job done safely

Students learn and practice hands-on:

- PPE and proper fall protection equipment
- Harness and Lanyard inspection
- Connectors and Anchor points
- Working at heights
- Lifts and ladders
- Scaffold navigation
- Work environment hazards

Lockout, Tagout



Lockout/Tagout is one of the Top 10 “Most Serious Violations” and Top 10 “Most Often Cited Violations,” according to the Occupational Safety and Health Administration.

The Lockout/Tagout standard requires the adoption and implementation of practices and procedures to shut down equipment, isolate it from its energy source(s), and prevent the release of potentially hazardous energy while maintenance and servicing activities are being performed.

Students learn and practice hands-on:

- Identification and shutting down of equipment
- Notify affected employees
- Proper shut down of equipment
- Disconnect primary energy sources
- Address secondary sources
- Verify lockout
- Service equipment
- Bring equipment back on-line

Option: Fire Suppression

OSHA requires that all employees be educated in the use of fire extinguishers every year, according to OSHA 29 CFR 1910.157(g). The statute states “the employer shall provide an educational program to familiarize employees with the general principles of fire extinguisher use and the hazards involved with incipient stage firefighting.”

Students learn and practice hands-on:

- Seeing a fire
- Pulling a fire alarm
- Reaching for a fire extinguisher
- Pulling the pin
- Squeezing the trigger
- Using the PASS system (Pull, Aim, Squeeze, & Sweep)
- Maintain proper distance from the fire
- Know when to move away from a fire
- Check pressure gauges
- Refine their technique and retry if they fail