

Achieve better outcomes through better training.

Learn with Harry is a suite of next-generation training products that will help your company reduce MSHA citation rates and decrease lost-time injuries. Encourage a safety culture on your worksite by providing the critical training that your workers need to stay safe!

Learn with Harry includes software and wrap-around materials that can be tailored to your organization's needs. Using advances in serious games, on-demand streaming, and data analytics, **Learn with Harry** will give your trainers the capabilities they need most:

- **Continuous training.** Use à la carte activities in annual refreshers, monthly safety briefings, and morning tailgates to hone workers' safety and productivity.
- **Data-driven evaluation.** Track and analyze health and safety performance metrics for each worker, shift, and mine site.
- **Customizable content.** Customize training modules and capabilities for each site's workers and standard operating procedures.
- **Dynamic workplace.** Allow workers to problem-solve, make decisions, and see outcomes in realistic simulations with changing conditions.
- **Communities of practice.** Emphasize teamwork, communication, and individual responsibility in every aspect of safety.
- **High engagement.** Create a personalized training experience that increases accessibility and engages workers through storytelling, competition, and gaming.



Our software supports a variety of training situations, environments, and technologies.



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Learn with Harry

Synthetic Learning Environments for Training and Evaluation



**THE UNIVERSITY
OF ARIZONA**
Western Mining Safety & Health
Training Resource Center

<https://miningsh.arizona.edu>



Learn with Harry is an innovative suite of training products for mine safety.

Harry's Hard Choices

Harry's Hard Choices lets your workers compete in a role-playing scenario while you track and evaluate safety competencies. Featuring a detailed mine disaster, **Harry's Hard Choices** addresses key practices to keep workers safe during emergencies, while also satisfying the guidelines of CFR Part 48 for new miner and annual refresher training.

Addresses numerous Part 48 subjects:

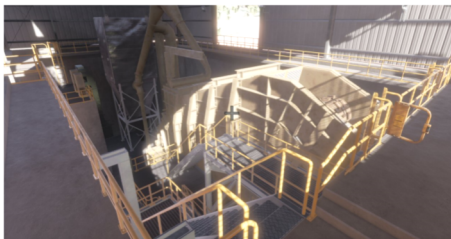
- Evacuation / Sheltering / Fire warning
- Self-rescue / Respiratory devices
- Recognition & avoidance hazards
- Prevention of accidents
- Worker health and safety
- Intro to work environment
- Mine gases / Ventilation
- Roof / Ground control
- Transportation controls
- Communication systems



Learners face a variety of hard choices — and often unexpected consequences.

Harry's Hazardous Day

An engaging new approach to train hazards recognition and safe operating procedures, **Harry's Hazardous Day** gives your trainers the tools they need to teach workplace examinations, explore worker rights and responsibilities, and hone situational awareness skills. **Harry's Hazardous Day** features short, story-driven scenarios with realistic environments that change over time. The simulation includes many hazards that workers encounter every day.



Intricately detailed worksites feature realistic activities, distractions, and hazards.

Addresses top MSHA citations:

- Guarding of moving machine parts
- Guards in place while operating
- Damaged, inadequate electricals
- Safe travelways to work areas
- Berms and guardrails around drop-offs
- Housekeeping, orderly work areas
- Haulage safety defects

Provides many new capabilities:

- Team-based play with coworkers
- Detailed workplace examinations
- Use of equipment and haulage
- LOTOTO and maintenance
- Worker health and fitness for duty
- Liability: "You see it, you own it!"
- Everyday scenarios for M/NM + SSG

Harry's Fatalgram Simulator

Discover a new way of teaching MSHA Fatalgrams! **Harry's Fatalgram Simulator** uses interactive short stories, where learners see accidents unfold and then change outcomes through best practices. With **Harry's Fatalgram Simulator**, your trainers can better illustrate the pinch zones, communication breakdowns, distractions, and blind spots that frequently lead to accidents. Satisfies MSHA requirements for annual refresher; may also be customized to your organization's morning tailgate.

Covers many types of fatalgrams:

- Powered haulage
- Electricals
- Machinery
- Fall of roof, back, ribs
- Slip or fall of person



Accident scenarios are faithfully recreated.

What are the experts saying about **Learn with Harry**?

"It fills a really important gap in training and is excellent for teaching critical judgment and decision-making skills." — Michael Brnich, Lead Engineer for Mining Emergency Systems (Retired), NIOSH

"You can do things that aren't possible with paper media." — Dr. Ericka Hall, General Engineer for Training Research & Development, NIOSH

"So realistic! Feels like I'm really in a mine, such a real atmosphere. Yes, this is the future of training." — Mine Rescue Team Leader, MSHA Ohio Valley District

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