

Solution Search

Mine Operator Safety Training



Business Challenge

Mining operations around the world have similar health and safety goals. By focusing on safety, mining operations can protect their most important assets: their personnel and machines.

For example, in the U.S. the Mine Safety & Health Association (MSHA) requires that each mine operator have an approved plan for miner training. Among other mandates, this plan must include:

- 24 hours of basic safety and health training for new miners who have no surface mining experience, before they begin work at surface mining operations.
- Eight hours of refresher safety and health training for all miners, each year.
- Safety-related task training for miners assigned to new jobs.

Besides protecting assets, a safe mining operation translates to more efficient production cycles.

Solution

Standard training usually consists of classroom and actual machine instruction. Adding Cat® Simulator training along with companion eLearning courses can provide operators a better way to receive instruction. Featured in the eLearning courses are units on safety, how to conduct walk around inspections, emergency procedures (where applicable) and exercises specific to running actual machines. The SimU Campus™ software is a management tool that allows training directors to evaluate what operators learn and retain through its ability to capture individual operator training results. SimU Campus works with all Cat Simulators.

Results

Training operators on simulators as part of an overall training plan:

- Provides a controlled environment to make mistakes without injury to personnel, machines or the job site.
- Allows training directors to coach and give immediate feedback during exercises.
- Allows operators to repeat exercises until they become proficient.
- Allows multiple operators to train at the same time.
- Affords training anytime day or night and regardless of the weather.
- Means actual machines stay in production during simulation training.

How Can You Benefit?

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