



# Solution Search

## Increase Production with Simulator Training

### Business Challenge

Companies want to squeeze every ounce of productivity out of their operations, especially in today's economic climate. Operators can directly affect production levels. A well-trained operator has the skills necessary to meet increased production demands.

Training a new operator often entails putting him in the seat of a machine and teaching on the job. This process can slow down site production and mining cycles while new operators are getting up to speed. Even experienced operators may have a wide range of skill levels, a lack of understanding of procedures or bad habits that slow them down.

A 24/7, three-shift schedule can make group classroom training unfeasible. Pulling machines off the job site for one-on-one training slows down production and increases fuel costs.

### Solution

Instead of pulling machines from the line for training, begin training new operators on heavy equipment simulators. Operators can master controls, safety procedures and practice exercises designed to build skills. Training Directors can establish an overall standard of performance by assessing all operators for skill competency, regardless of their experience.

The goal of any training program is to provide complete, consistent and standardized instruction. Simulators can provide the foundation of a total training program—a way to pre-train and assess operators before they train on actual machines.

Cat® Simulators also allow you to test operator skills and get a permanent training record with eLearning companion courses and the SimU Campus management tool.

### Results

Simulator training and eLearning used as part of an overall training program allows organizations to address a variety of education levels and all three learning styles. By having operators practice skill-building exercises in a simulated environment, they can refine skills and indentify and correct bad habits, leading to increased production.

- No need to pull machines off the production line.
- Simulators are available any-time day or night, regardless of the weather.
- Train multiple operators at the same time.
- Practice difficult maneuvers in a safe environment.



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