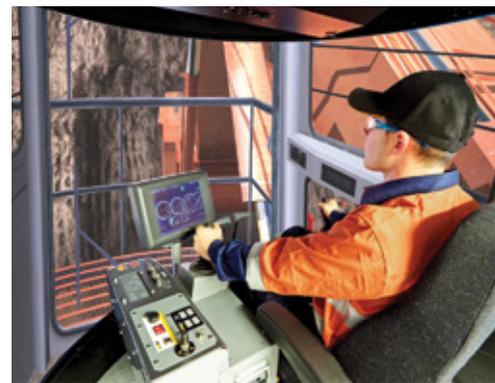




Simulation Delivering Safety and Productivity

IMMERSIVE TECHNOLOGIES

Simulation Delivering Safety & Productivity



Advanced Equipment Simulator

PRO3-B

DESIGNED FOR SURFACE MINING



www.ImmersiveTechnologies.com

Advanced Equipment Simulator

PRO3-B

DESIGNED FOR SURFACE MINING

The next generation Advanced Equipment Simulator for the surface mining industry

The PRO3-B has been specifically designed for surface mining. It delivers cutting edge technologies which dramatically increase realism to a level not previously seen by the mining industry. It ensures our customers have the world's best simulation solution to drive operator optimization and business improvements. The PRO3-B represents over three years of intense research and engineering. It incorporates the knowledge and experience we have gained from the largest installed base of mining simulators globally and our exclusive alliances with the leading Original Equipment Manufacturers (OEMs).

SEAMLESS 180° SCREEN

Advanced 180° screen provides uninterrupted views and the highest level of immersion.

REAL VIEW EXPERIENCE

Provides a dynamic view of the training environment and improved depth perception.

AIRFLOW SYSTEM

Positive pressure airflow system provides fresh air to suit operator preference and prevents dust from entering the container.

SWING-IN REAR SCREEN

Designed for machines requiring a rear view display. Ideal for Dozer ripping training.



RELIABILITY AND COMFORT

IP54 compliant for the most extreme weather conditions.

CONVERSION KIT® COMPATIBLE*

The PRO3-B is compatible with all existing Immersive Technologies' interchangeable Conversion Kits® for surface mining equipment.

TRAINER DECK

Standing room around the motion platform allows safe viewing by the trainer and observers when simulator is operational.

MOTION PLATFORM

Low profile, accurate motion platform designed for easy Conversion Kit® changeover.

TRANSPORTABLE

ENHANCED TRAINER STATION

Dual-monitor interface allows effective monitoring and control of simulation training sessions.

* PRO3-B shown with optional Conversion Kit®.



OEM EXCLUSIVE ALLIANCES

Immersive Technologies has formal Exclusive Alliance Agreements with the leading Original Equipment Manufacturers (OEMs). These alliances provide us with exclusive access to proprietary OEM information. This allows Immersive Technologies to simulate the functionality and operating environment of the OEM's machines with unrivalled accuracy.

REAL VIEW EXPERIENCE

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CLASSROOM

* Enhanced Trainer Station included with PRO3-B Classroom is not pictured.

** PRO3-B shown with optional Conversion Kit®.

The Next Generation of Simulator

Immersive Technologies has deployed hundreds of Advanced Equipment Simulators around the world to a broad range of mining environments.

This experience, together with ongoing feedback from our mining customer base and Original Equipment Manufacturer alliance partners, has provided Immersive Technologies with the knowledge necessary to develop the next generation of Advanced Equipment Simulators.

Designed from the ground up, the PRO3-B is the third generation Advanced Equipment Simulator from Immersive Technologies. It incorporates the industry's most advanced training functionality ensuring your operators are safer and your site is more profitable.

Some of the PRO3-B features are described below.



SEAMLESS 180° VISUAL EXPERIENCE

Utilizing advanced screen display technology, the PRO3-B delivers an unparalleled visual experience, setting a new standard in simulation quality resulting in increased training engagement and learning retention.

REAL VIEW EXPERIENCE

A vital new feature that dynamically adjusts the perspective of the trainee providing a true real-world view outside the cabin while increasing their level of depth perception.

Trainees can now look around cabin posts to see hidden hazards and other external objects as their perspective changes as it does in the real machine.



Sit back - tires and bollards are hidden



Lean forward - tires and bollards are now visible

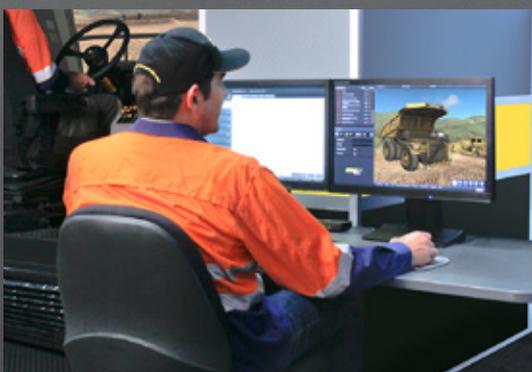


ACCURATE MOTION PLATFORM FEEDBACK

Utilizing the very latest technology, the PRO3-B motion platform delivers the optimum level of feedback required to accurately simulate all surface mining equipment operation.

From rapid jolts, feelings of acceleration or the fine-tuned sensitivity necessary for dozer operation, the PRO3-B motion platform delivers unrivalled tactile feedback to the trainee while safely allowing the trainer to stand immediately next to the trainee to provide the necessary training direction and direct feedback.

The PRO3-B motion platform allows a safer and more efficient exchange of the modular Conversion Kits®.



ENHANCED TRAINER STATION

The Enhanced Trainer Station is a dual-monitor interface that allows a trainer to better manage the simulator during a session. With the new advancements, trainers can now observe a 3D view, trigger events, review errors as they occur, generate reports and administer scenarios and trainees all while running training sessions, vastly improving trainer efficiency.

The two screen setup allows a trainer to administer the simulator on one screen while a view of the session is run on the second screen. New views of the simulation are part of the enhancement and include multiple fixed views and free-roaming camera settings which allow the trainer to view the trainee's performance from any angle.

CUSTOM MINE SITES

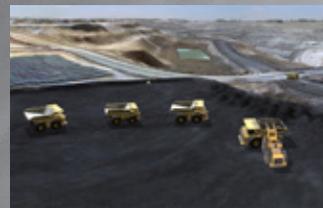
A Custom Mine Site enables trainees to carry out their simulator training on a replica of your actual working site, allowing detailed focus on site specific training requirements, resulting in operators who are confident and highly productive when they enter site operations.

Development of Custom Mine Sites utilizes aerial imagery, site geographic data, global positioning measurement and Immersive Technologies' site visits, to generate a realistic training environment unique to your individual site conditions.

Custom Mine Sites provide significant improvements to your simulator training program, thereby increasing the return on your investment.



Simulated mine sites shown. These are not photos!
Your own mine can be replicated in the simulator for increased training realism.



TRAINER PRODUCTIVITY STATION

Trainer Productivity Station is a centralized workstation that can connect up to five Advanced Equipment Simulators. This allows a single trainer to manage up to five simulation training sessions simultaneously.

Utilizing two-way audio communication and a rich data feed including video, 3D graphics, machine parameters and operator performance data, a trainer can interact with multiple trainees as if the trainer is standing immediately beside the trainee. This is complimented by an intuitive user interface providing the trainer with control over the training scenarios and access to extensive reporting, administrative and analysis functionality.



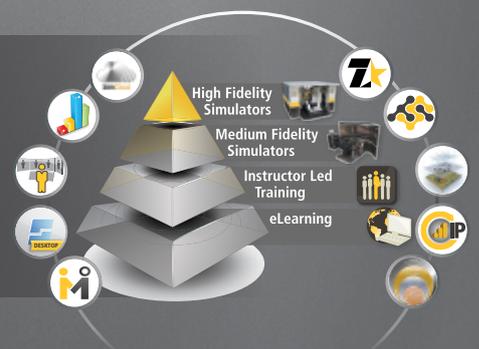
SimMentor™

SimMentor is a valuable training tool that provides three key training features: Briefing, Debriefing and Live Session Display available via a large touch screen monitor situated outside the simulator.

SimMentor networks with the Advanced Equipment Simulator to provide a streamlined training method for trainers to conduct briefing and debriefing sessions, contributing to a consistent and structured training pathway. It also displays the live simulation session which provides for a classroom environment ideal for training multiple operators.

COMPLETE SOLUTION COMPATIBILITY

Immersive Technologies' Advanced Equipment Simulators are supported by the industry's most comprehensive range of compatible tools, technologies and professional services. This ensures a solution to meet or exceed your needs can be defined, delivered, implemented and generating operational results quickly and with very low risk.



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● Immersive Technologies' Global Offices
● Deployed Advanced Equipment Simulators

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