

# Immersive Technologies Launches the IM360, Redefining Simulator Based Training for Mining

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*Immersive Technologies' new IM360 simulator dramatically increases realism and features the flexibility to simulate all machines modules including surface, underground hard rock and underground coal complementing its industry leading PRO3-B platform designed specifically for surface.*

Now more than ever the use of Immersive Technologies Advanced Equipment Simulators to train mining equipment operators is recognized as a global best practice. Immersive Technologies' simulators are used at hundreds of sites around the world to train green operators, improve experienced operators, drive continuous improvement projects and ultimately deliver real results in safety, productivity and unscheduled maintenance. With the announcement of the new IM360 Advanced Equipment Simulator, Immersive Technologies has expanded the scope of simulation based training to now go beyond equipment operator training, while dramatically increasing the level of training flexibility available.

"Product development over our 20 year history has focused on making mine sites safer and their employers more profitable through our simulator based training and together with our integration and support expertise the IM360 will continue to deliver on our mission," says Wayne Salfinger, Executive Director-Marketing, Immersive Technologies.

The IM360 features the flexibility to provide simulation based training for all machines from Immersive Technologies' largest range of mining equipment simulator modules including surface, underground hard rock and underground coal equipment. Through the patented Real**Move**<sup>™</sup> technology, the IM360 allows trainees to freely walk around their mine site and practice

# IMMERSIVE TECHNOLOGIES

## Media Release

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Simulation Delivering Safety and Productivity

responding to emergency evacuations and identify risks in a 360° realistic environment. Personnel can now be prepared and assessed to a standard far beyond traditional methods.

“We have an extensive catalogue of case studies proving the effectiveness of Immersive Technologies simulators in mines and training centers. We see actual in-pit results from customer simulator training programs averaging 10.4% increases in tire life, 6.85% reduction in fuel use and 62.2% reduction in brake abuse among many others. These case studies are validated by third party measures and equate to significant savings for our customers,” says Bryant Mullaney, Global Professional Services Manager, Immersive Technologies.

The removable motion base for seated equipment operator training allows trainees to feel the movement they would experience in the real machine, including rapid jolts, feelings of acceleration or the vibration in the seat as they traverse over steep and rocky roads or along uneven surfaces.

The visual display system for seated equipment includes RealView™ technology, which dynamically adjusts the perspective of the trainee providing a true real-world view outside the cabin while increasing the level of depth perception.

The IM360 is available in classroom and transportable configurations, the classroom model has been designed to be installed in existing buildings or training rooms and allows for multiple simulators to be located close together. The self-contained transportable model is ideal when training space is not available indoors and additionally can be moved easily between sites.

This new line of simulators, with their 360° immersive display, walk around features and flexibility to run surface and underground machines, complements Immersive Technologies’ current range of Advanced Equipment Simulators including the industry leading PRO3-B.

The PRO3-B in contrast to the IM360 is designed specifically for surface. Its 180° seamless curved screen features enhanced visibility for machines where the operator has a high seating position such as haul trucks, excavators, shovels, dozers, wheel loaders, draglines and graders.

Immersive Technologies regularly demonstrates their simulators at mining expos and offers private demonstrations available by contacting any of their 14 global locations.

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### About Immersive Technologies

Immersive Technologies is the world’s largest, proven and tested supplier of surface and underground Advanced Equipment Simulators to the global mining industry. The company has achieved this unique position by focusing on its mission to make



*Surrounded by 360° of high definition screens the RealMove™ feature allows trainees to freely walk around their mine site and practice responding to events such as emergency evacuations.*

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every mining and earthmoving equipment operator in the world safer and their employer more profitable through its simulation technologies. Immersive Technologies' Advanced Equipment Simulators are helping hundreds of mining companies around the world to increase their equipment operators' safety and site profitability through effective simulation training.

Immersive Technologies provides its customers with the most effective Advanced Equipment Simulators available. This is made possible through the formal exclusive licensing and technical information alliances Immersive has established with the leading Original Equipment Manufacturers (OEM), including: Caterpillar, Hitachi, Komatsu and Liebherr. These unique alliances provide Immersive Technologies with exclusive access to the OEM's proprietary and confidential machine technical information that is required to correctly simulate the OEM's machines and is not available through other public or dealer channels.

With advanced simulators modules deployed in 35 countries, Immersive Technologies is dedicated to provide outstanding service. To deliver on this commitment the company has customer sales and support offices located close to its customers in Perth and Brisbane Australia, Salt Lake City USA, Calgary, Ottawa & Vancouver Canada, Monterrey Mexico, Lima Peru, Santiago Chile, Bochum Germany, Johannesburg South Africa, Jakarta Indonesia, Kolkata India and Riyadh, Saudi Arabia.

Immersive has the global mining experience, innovative technology, product range, OEM relationships, proven support commitment and industry vision to partner with you to ensure your simulator training solution delivers the significant results you expect.

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