

Western Australia Iron Ore Overcoming Productivity Challenges

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Few sectors have been under as much pressure to reduce costs and increase efficiencies as iron ore. An increasing number of mines in Western Australia are turning to technology and reporting operational improvements through training initiatives completed in partnership with Immersive Technologies.

Historically, this region has lagged behind other parts of the world in relation to the application of training simulators to drive operational improvement, with use typically focusing on green or inexperienced operators. Changes in priorities and the end of the rapid expansion agenda have led to a shift to show tangible impact on productivity by improving efficiencies and reducing costs.

Through targeted operator training using Immersive Technologies' PRO3-B simulators, the following results have recently been reported:

- 5% truck productivity time improvement
- 8% improvement in tons per hour (Excavator)
- 11% improvement in haul truck mean time between failures
- Truck delay avoidance of 30 minutes per operator in comparison to equivalent in pit training
- 31% reduction in truck related reliability events
- 60% saving in training resource
- 70% reduction in training duration

"Based on our experience in partnering with mining operations around the world, we see tremendous scope for training simulators to further drive efficiencies and sustainable cost improvement in Western Australian Iron Ore operations," says David Anderson, Executive Vice President – Sales and Support at Immersive Technologies.

Immersive Technologies, counts BHP Billiton, Rio Tinto, Roy Hill, CITIC Pacific Mining, Thiess and Downer EDI Mining amongst its West Australian Iron Ore customers.



Immersive Technologies has released details on improvements their customers are achieving in Western Australia. Among the results reported are improvements in cycle times, production, time between machine failure and savings in training time.

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Media Release



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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 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 39 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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