

Rio Tinto Marandoo Improves Haul Truck Reliability and Productivity Winning Immersive Technologies' 2015 Business Improvement Award

21 April 2016

The annual recognition for mining companies using simulation for operator training and business improvement from Immersive Technologies was awarded to Australia's Rio Tinto Marandoo. The award recognizes the achievements of mine sites focused on improving operational safety, efficiency and productivity through strategic and focused simulator based training initiatives.

The global finalists for the 2015 award included Kinross Fort Knox (North America), Anglo American Los Bronces (Chile) and KPC (Indonesia). Finalists had reported significant results in fuel savings, spot times, reduction in truck breakdowns and increased tire efficiency among others.

The introduction of a new truck type presented operator adaptability and mixed fleet operation risks but the team at Marandoo followed a six sigma methodology to address the integration. As part of the approach simulators from Immersive Technologies were used to measure and improve operator skill and behavior.

Within three months the site reported:

- 31% reduction in operator induced machine reliability events
- 60% savings in training resources (trainer hours)
- 11% improvement in truck mean time between failure specific to operator induced machine reliability components (6 month period)
- 5% cycle time improvement

"The project captured and refined practices, conducted trials, adjusted the processes and validated theoretical benefits in a safe environment with minimal interruptions to mining activity," says Project Leader, Tony Maurice, Marandoo - Supervisor Training Mine Operations.

Rio Tinto Marandoo was chosen from more than 265 global mining operations in 39 countries and joins the ranks of prominent past winners including Kiewit Mining Group, PT Pamapersada Nusantara, Cipta Kridatama, Cliffs Natural Resources, Syncrude, Kinross and Peabody.



Improved cycle time, machine uptime and savings in training earned Rio Tinto Marandoo the 2015 Business Improvement Award. Pictured above are Wayde Salfinger, Executive Director - Marketing Immersive Technologies and Tony Maurice, Marandoo - Supervisor Training Mine Operations.

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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 and Moscow Russia.

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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