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Congratulations FMI Bagdad 2019 Global Business Improvement Award Winner

5 May 2020

Immersive Technologies has announced the winners of its 2019 Global Business Improvement Award. This marks the 11th year in which Immersive Technologies recognizes the most outstanding results achieved by mining companies that use simulation as a key driver in the business improvement process. Finalists are selected for their achievements in continuously improving operational safety, efficiency and productivity through strategic simulator-based training initiatives. These projects demonstrate excellence in aligning people, process and technology to push the performance envelope.

Global Winner:

FMI FREEPORT-McMoRan

- 12% Reduction in Loading Times
- 19% Increase in Tons per Ready Hour.

As part of Freeport-McMoRan's focus on continuously improving operations worldwide, the company partnered with Immersive Technologies. Through the partnership, Freeport-McMoRan's Bagdad Operations targeted an improvement in the amount of material produced per hour by reducing load times. The companies partnered on a business improvement project that used simulations to improve operator performance by honing skills and providing feedback.

This resulted in a 12 percent reduction in loading times. Trained operators were compared against a control group, and it was found the simulator-trained group produced 19 percent more tons per hour.

"In a highly competitive marketplace, continuous improvement of processes and operator performance have become crucial for mining operations. Using Immersive Technologies' simulators helped us identify and implement processes to make our operations run more efficiently. Our operators have experienced the benefits of simulation-based technologies and contributed to enhancing our Bagdad Operations. Our partnership with Immersive Technologies has created a strong team focused on the success of our people and creating value for our business."
- **Freeman Myers,** Technical Training Superintendent

Finalists:

Codelco - Radomiro Tomic Mine

- 16% Increase in Training Efficiency (over $700,000 USD per year savings).

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Codelco Radomiro Tomic is an open-pit mine at 3,000 meters elevation above sea level, located in Calama, northern Chile.

With a fleet of over 90 haul trucks, efficient training was critical to ensure availability of skilled operators and increase workforce availability.

Codelco's Engineering and Process Control Team used an Immersive Technologies simulator, Pre-Start Inspection and Managed Services support to improve their haul truck training program efficiency.

Simulation and learning technology enabled Codelco to increase training engagement levels and transfer skills 16% faster than traditional methods, with **estimated savings of $700,000 USD per year**.

Roy Hill Mine – Australian Iron Ore Mine

- 6.7% Increase in Instantaneous Dig Rates.
- 4.1% Increase in Production Dig Rates

Roy Hill, located in the Pilbara region of Western Australia, is one of the largest iron ore projects in Australia with output of 55 million tonnes of iron ore per annum.

*F*aced with difficult digging conditions, Roy Hill initiated a continuous improvement project to reduce excavator operator performance variance and improve production outcomes.

Leveraging simulation and Advisor support from Immersive Technologies, Roy Hill succeeded in delivering a **6.7% improvement in instantaneous dig rate** and **4.1% improvement in production dig rate** averages across three excavator size classes.

"Roy Hill is pleased to see our simulators leveraged to improve dig unit performance, aligned to our operating standards."
- **Simon Bongers**, *Supervisor Training Mining*

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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 increase Customer profitability by optimizing the safety and productivity of their operators. 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.

With advanced simulator modules deployed in 45 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, Fort McMurray, Vancouver Canada, Monterrey Mexico, Lima Peru, Santiago Chile, Belo Horizonte Brazil, Bochum Germany, Johannesburg South Africa, Jakarta Indonesia, Kolkata India 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.

For more information and associated media please contact:

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