Construction Equipment Operator Training Revolutionized with New Virtual Reality Tool from Immersive Technologies

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Finding and keeping trained, skilled heavy equipment operators is one of the greatest challenges facing the construction industry. With tight schedules and increased project risk there is less and less room for human error and poor performance at crucial phases like site preparation.

Immersive Technologies, the global leader in advanced simulator development for heavy equipment training, is using leading edge technology to bring versatile and effective simulation based operator training to the construction field with their new virtual reality tool, WorksiteVR™ Simulator.

Using the advantages of virtual reality combined with the world’s most advanced simulation software, Immersive Technologies has developed an engaging, highly authentic yet economical training simulator to meet the demands in the construction industry.

Uses for WorksiteVR™ Simulator include:

- **Pre-employment testing:** Evaluating qualified applicants is simplified using WorksiteVR™ Simulator. Basic knowledge and skill levels can be easily assessed before employment or entering the field.

- **Skills development:** Operators can develop, practice and test their skills as they work through tasks that progressively build on knowledge and skill proficiency in machine operation.

- **Benchmarking:** Operators can compare their skills against other operators in their company or compare improvements in their own individual performance.

- **Bonus incentives:** WorksiteVR™ Simulator allows operators to sharpen their skills while not in the field. Completing training modules during downtime to earn recognition, bonuses or incentives can not only improve performance in the field but can help identify motivated employees.

- **Assist in team assembling:** Quick access to a database of the skill levels of multiple operators can assist superintendents and projects managers in putting together the right team for the right job.

“Your training costs are going to be greatly reduced.”

Carl Grundy - Komatsu National Utility Sales Manager
With minimal hardware and easy portability, WorksiteVR™ Simulator allows training initiatives to be carried out in multiple locations and with limited oversight. There is no need to burn fuel or cause wear to equipment for training. Operators can assess their progress, skills deficits and strengths in real time and benchmark against desired goals.

Equipment manufacturer, Komatsu has been quick to identify the value WorksiteVR represents to the construction industry. To further support the profitability and safety of its customers, Komatsu has actively supported the development of WorksiteVR™ Simulator including the PC200 and PC300 excavators with more machines to come. As part of a recent agreement between Komatsu Ltd. and Immersive Technologies, Komatsu branded WorksiteVR™ Simulators will be used and distributed via the Komatsu global distribution network.

“Our 24 years in developing the most realistic heavy equipment simulation software for a wide range of OEM’s has given us the ability to deliver the most realistic virtual reality training experience.

WorksiteVR™ Simulator has been built with the key objective of having a significant impact on our customers’ profitability and safety. The combination of highly realistic simulated environments and expertise in adult learning has led to the launch of a training tool we believe will revolutionize the construction industry,” says Peter Salfinger, CEO, Immersive Technologies.

For more information on WorksiteVR™ Simulator, please visit: www.WorksiteVR.com
About Immersive Technologies

For 24 years Immersive Technologies has delivered training solutions aimed at making every earthmoving equipment operator in the world safer and their employer more profitable. Immersive Technologies’ simulators are helping hundreds of companies around the world to increase their equipment operators’ safety and site profitability through effective simulation training.

With simulators deployed in 40 countries, Immersive Technologies is dedicated to provide outstanding service. To deliver on this commitment the company has sales and support offices located 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 experience, innovative technology, product range, 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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