

# GlobalSim to Upgrade VALE Simulators and Continue Collaboration with Brazilian Company

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-- [GlobalSim](http://www.global-sim.com), Inc. has a long reputation in the field of simulation. Beyond crane simulators, GlobalSim has worked on projects with governments, defense contractors and multi-national corporations seeking custom solutions.



In 2012, GlobalSim was contracted by a Brazilian company, VALE, to create a customized bucket wheel reclaimer simulator. This project involved an extensive amount of software engineering and collaboration. The result was a full mission trainer that exceeded the expectations of VALE.

A few weeks ago, VALE was visiting GlobalSim's Headquarters in Sandy, Utah, to design and facilitate new engineering studies for the bucket wheel reclaimer simulator. This requires an upgrade of certain features within the system based on changes in pile sizes, material densities, and reclaiming techniques. There will also be a modification to the arena to facilitate simulation for both Tubarao and Sao Luis mineral terminals.

"It's very easy to make adjustments that might not have been seen in the beginning. GlobalSim has been so flexible in seeing our vision," remarked Jose Silverio, bucket reclaiming expert at VALE. VALE is one of the world's largest iron and ore producers – therefore, efficiency and productivity are of equal importance. "Before having simulators, we would have to train our operators on the actual machine which was a loss in productivity. Now, we train our operators on the simulators which has increased our productivity," remarked Paulo Brandao, Project Manager at VALE.

GlobalSim's Director of Product Management, Von Colborn and Lead Architect, Stanislav Borodai, combined have over 50 years of experience in software engineering and design. Colborn and Borodai have been working very closely with VALE since the beginning. "The benefit of our partnership is the quality – we have had this simulator operating flawlessly since the beginning (2012)," remarked Paulo.

GlobalSim anticipates to have this project completed within the next few months.

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