

Saritasa Develops Virtual Reality Training Program for Loadstar Railcar Inspecting & Loading

Moving in-the-field training to a virtual environment proves safer, more efficient, and less expensive

NEWPORT BEACH, CALIFORNIA, UNITED STATES, September 27, 2022 /EINPresswire.com/ -- [Saritasa](#) Technology Solutions, a software partner delivering innovative products and solutions to clients, has developed a new virtual reality (VR) training system for [Loadstar](#), a provider of logistics and product handling services. The system provides a safe, interactive training environment that is faster, more efficient, and safer than previous training programs.

Loadstar is the first logistics and product handling company to deploy VR for staff training. In an industry that emphasizes on-the-job training and keeping workers in the field, Loadstar has adopted a different strategy. They put safety and education at the forefront by bringing the on-site experience to trainees using VR.

Saritasa developed a comprehensive general purpose railcar inspection & loading application. Trainees can practice completing all the steps required for a standard inspection without the need to travel on-site or work with trainers. Using VR, trainees get hands-on interaction, including visual quizzes and realistic animations. VR provides a more realistic experience and shortens the training process from weeks to days.

"We believe that our employees' overall safety and well-being start with training," said Stephen Williams, Manager of Operational Excellence. "Traditionally, our industry has relied on classroom sessions and manual field training. Some employees have described it as 'death by powerpoint,' and they're not wrong. Loadstar is always looking ahead, and we wanted to bring the latest technology to our training program to create the safest environment possible. By working with Saritasa, we have designed a state-of-the-art training program that is more cost-effective and efficient."

Before adopting VR for railcar inspection & loading training, Loadstar used extensive classroom training with lectures, presentations, and study materials. Once the classroom training was complete, new employees needed to apply the material they just learned to real-life field operations. This process could take several weeks as training was entirely dependent on how many and what kind of railcars came on-site on a particular day. Now, they are able to onboard and qualify operators in a fraction of the time.

Using VR not only speeds up hands-on training but also standardizes training procedures. On-site, the quality of training can vary due to any number of factors; the manager on duty, the amount or type of railcars on-site, and environmental hazards. VR training eliminates any variance and provides a solid basis for every employee. It emulates field training to provide pre-site training experience, reducing the time and cost required for on-site training.

"Developing a virtual training program for Loadstar is the ideal project for Saritasa's creative and skilled technologists," said Aaron Franko, VP of Immersive Technology at Saritasa. "There are many steps in railcar inspection training, including examination around, under, and on top of different types of railcars. Our 3D design team was able to replicate a realistic environment while optimizing headset performance, and we are extremely pleased with the outcome."

About Loadstar:

Loadstar provides product-handling services to refineries, chemical plants, barge lines, terminals, and distribution sites, loading and unloading cargo of all classifications into railcars, trucks, barges, and ships. Loadstar operates docks, tank farms, terminals, and warehouses, managing marine, rail, truck, and pipeline logistics. The company has its headquarters in Baton Rouge, Louisiana.

About Saritasa:

Headquartered in Newport Beach, California, Saritasa aims to empower global brands with innovative, customized solutions that fit their needs and support an ever-evolving technology ecosystem. Saritasa specializes in custom software development, mobile development, augmented reality and virtual reality development, IoT solutions, web, database development, and DevOps. Founded in 2005, the Saritasa team employs over 140 employees and has delivered thousands of successful software, hardware, and mobile app projects to a range of clients across multiple industries. To learn more about the company, visit www.saritasa.com.

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