VISTRA -Virtual Operator Training

Case Study
BMW

BMW Group Plant San Luis Potosi started operations in 2019 with the production of the new generation of the iconic BMW 3 Series. Plant San Luis Potosi is characterized by an innovative production system and the highest sustainability standards. Furthermore, there is a fundamental objective to promote the talent and develop the potential of young professionals in the region.

SLP hires a lot of new people in their production every year and they continuously deal with new models and updates to existing models like most other car manufacturers. They already had a lot of focus on operator training but wanted to complement the theoretical and practical training of their Academy with virtual training in 3D.



> *"It's very helpful for easy learning. The programme is friendly and easy to use."*
>
> *Trainee operator surveyed*

As part of the Vistra use at SLP a study was conducted with the system users which aimed to validate the experiences of trainee operators with the new method of learning. Overall the study results were excellent, with 100% of users confirming that Vistra was useful both for understanding and learning the assembly processes, while 93% stated that they felt more confident in their ability to perform the real task – a very strong transfer effect.

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Furthermore, 100% of users also stated that the Vistra training simulations were well presented and stimulated their desire for learning, a very good measure of engagement. While 90% of users found the system reasonably straightforward to learn and interact with there were several good suggestions for improvements which have subsequently been implemented into the software. Finally, 87% of users recommended that Virtual Simulation Training should become a standard tool at BMW plants.

> *"VISTRA is a really good and helpful program to support the training, in parallel to the physical training."*
>
> *Oliver Meissner, Training Manager*

The Virtual Operator Training project at SLP also demonstrated the potential for product engineering data to reduce the cost of operator qualification by delivering high quality training content with virtually no manual preparation.



Key benefits:
- Improved assembly quality
- Less calls for help to team leads
- Shorter time-to-mastery for operators
- Reduced authoring time for preparing and updating training content
- Gives confidence and eagerness to learn

About Us
Sentio Simulations delivers virtual training in 3D to the automotive, aerospace and wind turbine industry.

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