VISTRA -Virtual Operator Training

Case Study
Stellantis

The first car to roll out of the Vigo plant in Spain was the amazing Citroën 2CV. Today Vigo is one of the biggest production plants in Stellantis - the automotive giant created by the merger between PSA and Fiat Chrysler.

Vigo 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.



> *"We think this innovative technology has a lot of potential and that the business case for virtual operator training is very interesting."*
>
> *Fernando Caamano, General Assembly Engineering Manager*

Sentio's Vistra solution is used to train assembly operators in Manufacturing. It uses companies' existing geometry and process data to automatically generate virtual training environments in 3D.

The operators can use the interface without any prior knowledge or literacy skills, and the work with creating training content almost disappears.

SENTIO SIMULATIONS

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Vigo has a strategy of being innovative with new technology in their production, but they were also very determined that the virtual training must represent a positive financial business case. Their goal was to further improve the assembly quality and to enable new operators to work more independently sooner. The team leads are often a bottleneck so if the operators have less calls for help, it makes the business case stronger.



> *"The collaboration with Sentio Simulations has been great and the solution was delivered on time in a few months."*
>
> *Fernando Caamano, General Assembly Engineering Manager*

From the first group of stations in the first couple of months, the assembly quality was improved and the team leads had 26% less calls for help. Vigo also expected to be able to train their operators 25% faster.

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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