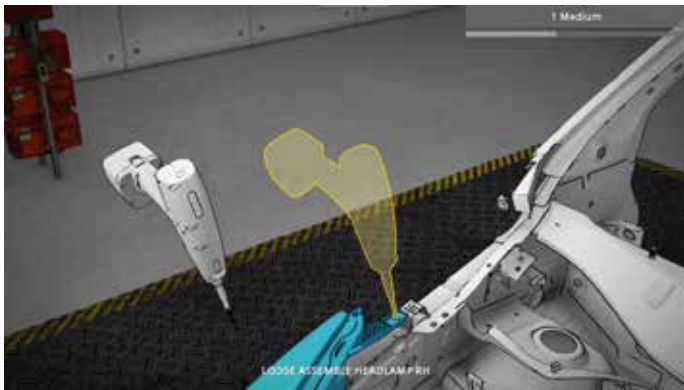


Product sheet

Seamlessly deploy 3D interactive training simulations at the click of a button by leveraging the power of PLM and AI.

Investments in digital transformation and PLM (Product Lifecycle Management) continue to accelerate, and the VISTRA software from Sentio Simulations can help companies leverage those investments.



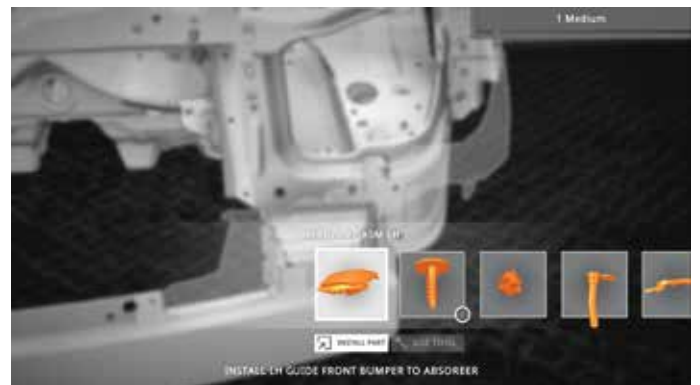
Vistra is used to train assembly operators in Manufacturing. It uses companies' existing geometry and process data to automatically generate virtual training environments in 3D. The operators can use the interface without any prior knowledge or literacy skills, and the content creation work almost disappears.

Manufacturing organisations face many complex challenges relating to production: product complexity and diversity, technology change and need for constant process improvement on the assembly line.

In all our assembly customer studies, use of 3D training simulations has proven to be a very effective method to impact on these challenges, consistently improving quality, reducing time and cost of training, and improving operator knowledge on-the-job and confidence in their performance.

Key benefits

- 50% reduction in operator qualification time
- 30% fewer errors made at the station
- Faster ramp-up and product launch
- Early identification of problematic assemblies
- Transparent readiness reporting to management.



VISTRA -Virtual Operator Training

VISTRA is true cross-domain knowledge sharing, uniting manufacturing engineering and production without the requirement for special knowledge or high-level technical skills.

“

Virtual training has many advantages. It is quicker, cheaper and more flexible than learning with reproduced hardware prototypes. An initial evaluation of VISTRA revealed that people trained on the virtual system make less mistakes (down 40 percent)

”

Frank Arlt, Opel

More value from digital transformation

Even better, the barriers to entry have been kept as low as possible, enabling customers to get started quickly and feel the benefits from ‘Day One’.

And while a rich, vertically and horizontally integrated PLM backbone still lies somewhere in the future for most OEMs, VISTRA can be plugged in right where you are now, and is out-of-the-box ready to stay with you on your journey up the PLM maturity ladder.



Automated content generation

In addition, our market-leading approach to content generation hugely simplifies the process to produce, manage and deploy training content at scale utilizing AI to automate the process of converting manufacturing PLM data into effective simulations for learning.

For organisations where production includes complex manual and semi-manual assembly processes VISTRA is the most cost-effective Virtual Operator Training solution. It improves quality and reduce complexity at the assembly plant with an attractive ROI.



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