TECHVIZ FUSION OPTION

VISUALIZE DIFFERENT 3D APPLICATIONS MERGED IN A SINGLE PROTOTYPE

- Visualize 3D models merged in a single prototype
- Make changes in real time in each application
- Cross domain product review
- Integrate CAD parts in realistic visualization

- Oil and Gas
- Manufacturing
- Architecture
- Construction
- Research
- Automotive
- Aeronautics
- Shipbuilding

- No data conversion
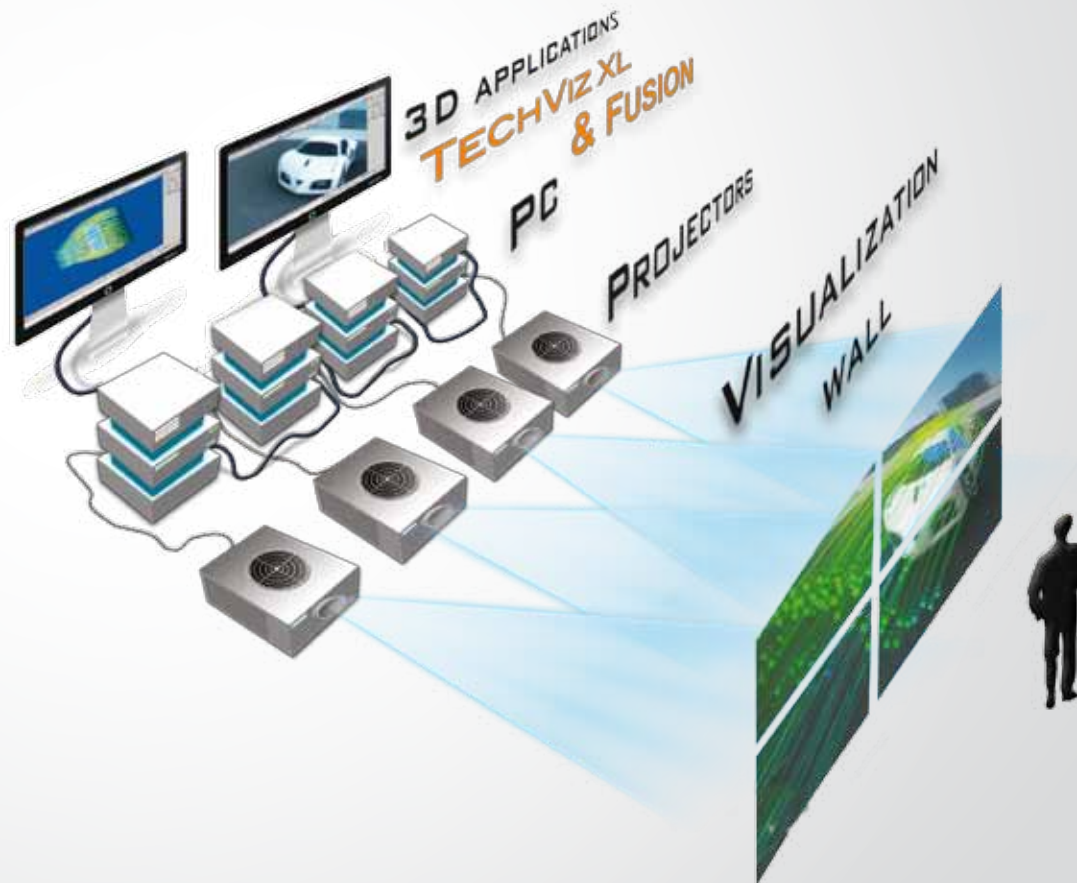- Load very large datasets
- Fully immersive

TechViz Fusion in the tool to merge 3D scenes of different applications into a single unified scene, producting a realistic effect. Compatible with a large range of Virtual Reality applications.
Car makers use TechViz Fusion for validation of their vehicle design and properties within a simulation environment: check design toward safety requirements.
With Fusion, Engineers can thus verify comfort and ergonomics, accidentology, control system of the vehicle dynamics.

www.TechViz.net

THE TECHVIZ TECHNOLOGY
TechViz Fusion

How does it operate?

The TechViz Fusion Option operates with TechViz Turbo and TechViz XL, the software with which to display your large 3D data sets or 3D virtual prototype directly from your native application with a high frame rate, on any type of stereo 3D displays.

Software compatibility

TechViz XL and its options run on standard workstations under Windows XP, Windows 8, Vista, Seven, Linux, 32 or 64 bits binary compatibility.
All existing professional 3D applications are displayed on any VR device.
Display your native 3D dataset without any conversion.
Supports any custom 3D application developed for standard desktop workstations.
Based on common open standards of the PC world and does not require any specific development or training.
Certified with more than 150 industrial applications.

Hardware compatibility

TechViz XL and its options are based on proven industry standards with off-the-shelf PC workstations.
Open GL graphic cards.

Requirements

TechViz XL installation
Source 3D Application
Model Data base
TechViz Fusion

Display systems

Display on any screen surface set up (planar, tiled, curved, dome, multi-sided/CAVE, HMD).
Unlimited number of display channels.
Projector overlap, edge blending, image warping correction.
Stereo 3D: passive, active or autostereoscopic type of displays.
Flexible reconfiguration: multiple viewpoint tracking and fixed cameras.
Dynamically reconfigurable systems.

About TechViz

A leading provider of immersive 3D visualization solutions. TechViz products allow users to display 3D virtual prototypes in real time directly from 3D desktop applications in a high resolution 3D virtual environment. We offer a fully immersive experience using a full 3D integrated system and body tracking.
Our innovative solutions are ideal to maximize the use of your 3D model.

All TechViz options available

• Digital review
• Video recording
• Virtual Assembly
• Body and finger tracking
• Collaborative
• Fusion
• TVZLib API

Contact information

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