

Welcome to the world with 3 dimensions, welcome to TechViz TV

• A new dimension:



- Use **depth** to understand the complexity of your datasets.
- Connect a **stereo 3D** TV or monitor to your usual workstation.
- Stereo 3D comes directly to your usual 3D applications **without any data conversion**.
- Make **changes** in the native applications during the visualization.
- Choose to use any glass-based stereo 3D or glass-free autostereoscopic screen.

• Your 3D applications in real time



- **Transparently** displays from your existing 3D application.
- **Smooth frame rate** even with **big datasets**.
- Allows **natural interaction** with the 3D model using a mouse, a Space-mouse or a joystick.

• The ease of use of TechViz TV

- **No need to learn** a specialized software.
- **No conversion of data** to use an external **viewer**.
- **Automatically** adjusts the depth effect.

Plug and play with     and many others

They trust us       and many others

Compatible with      and many others

TechViz TV technology

- TechViz TV is based on **TechViz XL** software developed by TechViz powered by a **virtual 3D card driver** and display servers.
- The TechViz **TV** virtual 3D card driver intercepts all **drawing calls** sent by the 3D application and communicates with the **display server**, in order to produce the correct **viewpoint** for each eye.
- Each model is displayed as it looks in the **native** application.
- TechViz TV produces two or more **viewpoints** depending on the screen technology.

Software compatibility

- Runs on a standard workstation under **Windows XP, Vista, Windows 7, 32 or 64 bits** binary compatibility.
- Displays your native 3D dataset **without** any data **conversion**.
- Supports any custom **3D applications** developed for standard desktop workstations.
- Based on **common open standards of the PC world** and does not require **any specific development or training** to use a new proprietary API.

Hardware compatibility

- Works on a single workstation with **two** video outputs.
- Based on proven industry standards with **off-the-shelf PC workstations**.
- Support for the **latest 3D shading technologies**.

