



Company Overview

The Power of Visualization

Seeing the Future... or the Past

A picture is worth a thousand words. A three dimensional scene, which can be manipulated and even touched provides far more insight than words ever could. Tactus Technologies is a world leader in Virtual Reality and 3D visualization. Using state of the art technology such as animation, 3D real-time computer graphics, and a simulated sense of touch called Haptics, we can provide new insights into your problem.

Common challenges that can be overcome using 3D visualization

- Understanding how a product or project looks and functions before it is built
- Anticipating problems before they occur
- Finding opportunities for better returns on investment before production work begins
- Simulation of systems and processes based on known configuration parameters
- Simulation of events that have already occurred reconstructed from eyewitness testimony and known data, such as floor plans and equipment layout
- Training in a virtual world to prepare for real world situations

Tactus VR Solutions

Tactus is a pioneer in Virtual Reality solutions. We have developed the next generation physics based software libraries that allow for *real-time* visualization as well as *interaction* with the simulation.

Enabling Innovative Visual Solutions

Virtual Prototyping and Simulation

Products and processes can be built and optimized in virtual reality before any physical production begins. Logistics, layouts, mechanics, and physics can all be simulated in real-time to allow interactive adjustment to problem space parameters as well as visualization of the results. Virtual prototypes can be distributed for collaborative design and feedback. Best of all, using Tactus' tViz™ and tSim™ technologies, there are no 3rd party run time licenses required.

Urban Planning and Simulation

Using our proprietary tViz™ graphics technology, Tactus Technologies can take concepts, blueprints or ideas and generate a Virtual Reality fly-through of hundreds of design options. We can enable your clients to not only visualize your design but to interact with it as well.

Legal Support Services and Visualization

Legal problems are often mired in historic scenarios, which are hard to understand or interpret. Using our Visual Witness™ technology we can develop a compelling 3D visualization of a case – providing insight into accidents, product failures, and other key events like no other technology can. Use the power of visualization to show the jury exactly what happened in a way they intuitively understand.

Virtual Training and Education

Tactus is developing proprietary software that uses VR to provide innovative education and training to audiences ranging from high school students to industrial workers. Our patented sense of touch technologies can help in ergonomics and training.

Value Proposition

- Design and plan in 3D to save money in downstream problems
- Train in VR scenarios to avoid accidents
- Reconstruct historic situations for communicating your perspective in legal disputes
- Simulate products, processes, and other interactive scenarios, such as driving a car, to see how decisions will affect a real world outcome
- Increase ROI on engineering functions
- Reduce development lead-times by 15-20%

