



Legal Support Services

Opportunity for Legal Visualization

Litigation and legal challenges are often decided based on subjective eyewitness accounts and inferred conclusions. But using our Visual Witness™ system based on scientific techniques- such as dynamics and other physics based solutions- we can reconstruct nearly any scenario, taking much of the speculation out of your case.

Such solutions can provide:

- Observations of the scene from other view points
- Time-based simulation to better understand events and often uncover observations that may have been missed
- Compelling visual argument of the case that leaves little doubt in the fact finder's mind about the events
- Real-time reenactment of the incident allowing you to experience firsthand what likely happened.

How do Visual Services Work?

If you would like to know more about how our services can assist you in developing your legal strategy, contact our offices for a detailed analysis of possible solutions at no cost to you. We will then develop a simulation and deliver the results in a multimedia format that can be utilized throughout the litigation process.

Visual Witness™

Product Evaluation – Litigation based on products that have failed can benefit greatly from our Visual Witness™ technology. Simulation can clarify a product's function, highlight product defects, and demonstrate malfunctions that may have led to injury or damages.

Accident Reconstruction – From automobile crashes to industrial accidents, visual simulation can provide compelling evidence about actual events. We can simulate in real time actual events that can be recorded and played back under various conditions such as vehicle speed, position of other objects and people etc.

Improper Use of Machinery and Equipment - Often, accidents occur due to faulty equipment or improper procedures. Tactus can provide an ergonomic study to evaluate these and other system failures. Accidents due to improper usage can be simulated and re-enacted over and over, and then viewed from any perspective, including those of the operator and witnesses.

Architectural and Planning Review- Building code adherence and features such as handicap access etc. can be reviewed for accidents or other litigation. Zoning and community concerns can be visually reviewed in real time for town board meetings, litigation, etc.

Simulation from Eyewitness Accounts – Eyewitness accounts of crime scenes may prove or disprove an event. Visualization can help in testing accounts of multiple witnesses. Simulations can then be viewed from the perspective of the perpetrator, victim, or witness.

Gallery

Some sample examples of scenario reconstruction:

A forklift is physically modeled and a warehouse accident is reconstructed by reenactment in the virtual environment



A two car collision is modeled to assess the veracity of the parties accounts of what happened



Strain on the wrist is visually displayed to convey the exact location and magnitude of the injury



An office is modeled and is toured with a virtual wheelchair to show failure of code compliance.