



## Summary

Mr. Jason Fries is a forensic expert witness currently serving as CEO and Lead Forensic Expert at 3D Forensic. Mr. Fries has a well-developed expertise in several forensic subject areas including:

- Forensic Animation
- Video Analysis
- Nighttime Visibility
- Laser Scanning
- Field-of-View Analysis
- Human Factors in Use-of-Force Cases
- Laser-Based Photogrammetry
- Shooting Reconstruction, including Officer-Involved Shootings (OIS)
- Ballistic Trajectory Analysis

Jason Fries has worked on over 3,000 legal cases including civil, criminal, and federal cases, partnering with prosecution, plaintiff and defense teams. He had maintained a 100% admissibility record for courtroom animations for over 20 years of production and has produced industry-leading forensic analyses and animations since 1998.

Mr. Fries was the inventor of Laser-Based Photogrammetry, a method of extracting 3D measurements from 2D images through digital software. He was one of the first to have a forensic production built on laser scanning admitted into trial in the United States Court system. Fries also helped develop the first computer-generated animation to be accepted in Santa Clara Superior Court, along with the first forensic animation admitted into the Superior Court of Hawaii.

Fries has modernized OIS analysis by combining cutting-edge forensic technology, including 3D visualization and advanced video analysis, with human factors (in use-of-force) expertise. Fries built his understanding of OIS and human factors expertise through completion of the highest training program offered by the Force Science Institute. He has also worked with leading academics to help develop advanced analytical procedures in the fields of nighttime video analysis as well as mathematical procedures to create forensically accurate driver's eye videos.

## Professional Experience

### 3D Forensic, Inc. | CEO 2012-Present

Founder, Chief Executive Officer and Lead Forensic Expert of 3D Forensic, Inc. Responsible for leading standards and innovation in forensic reconstruction. Testifying expert on all cases.

Fries's work through 3D Forensic has resulted in new industry standards in forensic analysis of OIS reconstructions and nighttime visibility incidents by combining modern forensic technology with subject expertise and testimony.

### Precision Simulations, Inc. | President, 2010-2012

Managing partner of Precision Simulations Inc. Responsible for incorporating new forensic technologies into PSI's workflow. Managed quality control of all outgoing production and testified on all new cases.



## Jason Fries Curriculum Vitae

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Precision Simulations, Inc. | Senior Vice President, CTO 2002-2010

Invented and instituted the practice of forensic laser scanning to quickly and accurately capture forensic data. Through this endeavor, PSI became the first company to have a computer-generated 3D reconstruction admitted into court in California and Hawaii.

Precision Simulations, Inc. | Director of 3D Visualizations 1998-2002

Served as team lead in the production of forensic animations. Advised on human factors and scientific analysis to outgoing projects.

### Affiliations

- Alameda-Contra Costa Trial Lawyers Association
- American Bar Association
- Bar Association of San Francisco
- Consumer Attorneys of California
- Consumer Attorneys of Los Angeles
- Forensic Expert Witness Association
- International Right of Way Association
- San Francisco Trial Lawyers Association
- The Society of Forensic Engineers and Scientists
- Western Trial Lawyers Association

### Education and Certifications

#### San Diego State University

BS in Biology, Focus in Physics and Chemistry

#### Force Science Institute

Advanced Specialist and Force Science Certification  
-Invited to lecture throughout career

#### Law Enforcement & Emergency Services Video Association

Basic Forensic Video Analysis and the Law

#### California State Bar Association

California Minimum Legal Education Certified

#### California Bureau of Real Estate Appraisers

California Bureau of Real Estate Appraisers Certified