

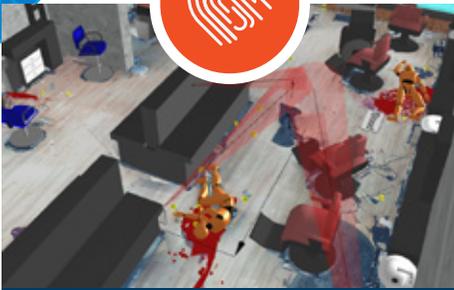
FARO[®] Zone Software



FARO[®]

FARO Zone Software **makes scene documentation easy** so you can get on with the rest of your job.

As a public safety professional, measuring and documenting a scene is a critical aspect of your job and one that your team relies on for complete and accurate documentation. FARO® Zone 2D, 3D Pro and 3D Expert Software enables the creation of factual diagrams and detailed analyses, results that can be presented and shared in a compellingly visual and easy-to-comprehend way.



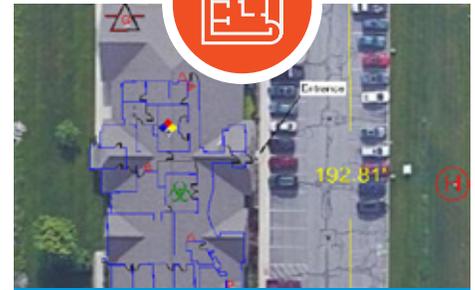
Forensic Scene Investigation

- Crime scene investigators can reconstruct the details of a crime by applying the validated blood spatter analysis and bullet trajectory tools.
- Crash reconstructionists use FARO Zone 3D Pro and Zone 3D Expert to complete precise diagrams and realistic animations from scene measurements captured by laser scanners, total stations, drones and Event Data Recorder (EDR) downloads. Analysis tools provide the ability to estimate vehicle speeds with calculations for momentum, crush, skid marks and more.



Crash Report Diagramming

- Use FARO Zone 2D to quickly create simple, yet accurate, crash scene diagrams like those commonly attached to law enforcement crash reports.
- Start with an aerial map of the crash location, add vehicle symbols, signs, and notes, save the diagram (pdf, jpg, or png) and attach it to your report in as little as five minutes.
- Administrative tools are included to set up Zone Software for all users in the agency to save the diagram to the desired format, size, and location for your reporting system.



Pre-Incident Planning

- With FARO Zone 2D, 3D Pro or 3D Expert, it is fast and easy to use an aerial map or drone data from EagleView, Google, or Bing to create easy-to-read pre-incident and threat assessment diagrams.
- Add a comprehensive 2D floorplan or an architectural diagram. Show doors, stairs, elevators, control panels, hazardous materials and more with the pre-drawn symbols (such as accepted fire symbols like NFPA 170 and 704 placards) that are included.
- Export diagrams to PDF or image (JPG or PNG) and attach them to your dispatch or pre-planning system so the plans are available to First Responders.

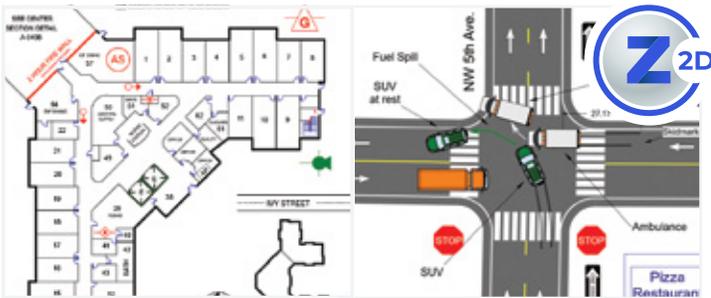


For forensic investigators, FARO Zone 3D Pro provides the ability to use point cloud data for creation of courtroom deliverables. Import manual measurements, aerial photographs, laser scans or total station data to quickly create 2D and 3D scene diagrams.

- Point Cloud Capability**
 This latest edition of Zone 3D Pro can import point cloud data from laser scanners in .pts and .E57 formats, directly from FARO SCENE projects, and from drones in .las file format. Once a scene is preserved as a point cloud, it can be used to digitally obtain accurate measurements, analyze the evidence, verify a witness perspective, animate crashes and more.
- Precise, Fast Drawings**
 Extensive drawing tools, paired with object grips and automatic snaps, make it easy to create accurate 2D and 3D diagrams to exact measurements.
- Save Time**
 Complete diagrams quickly with the huge library of models or import new ones.
- Compelling 3D Results**
 Create realistic flythroughs, vehicle and human animations with shadows, rain, snow, fog, animated vehicle headlights, brake lights and traffic lights.
- Easy to Use**
 Features an intuitive user interface with constant feedback, helpful how-to videos, comprehensive documentation, integrated workflow guides and free instructor-led, online training.
- Data-Agnostic Compatibility**
 Open diagrams from CAD Zone, ARAS, and other standard CAD formats. Bring in measurements from manual methods, drone photos, satellite maps, data from total stations, and data from laser scanners, even if they're made by different manufacturers.
- Share with Anyone**
 Free viewing software and the Zone 2go presentation tool makes it easy to share projects with anyone. No internet required.

Includes all the features of FARO Zone 3D Pro — like the ability to use point clouds from laser scanners and drones — plus convert photographs to a point cloud, determine witness perspectives, create extremely realistic animations, and share the results in a virtual reality environment. Being prepared for court was never as easy with the most data agnostic version of this software yet.

- Ensure Accuracy**
 Take all your measurements from the point cloud captured at the scene. Snap to specific data points to create accurate diagrams, export chosen points with “virtual surveyor” mode, and use point clouds to create stunning animations and VR scenes.
- One Software Does It All**
 FotoPoints is the Zone 3D Expert photogrammetry engine, allowing you to import photographs from any source and convert it to a point cloud, thus eliminating the need for third-party software.
- Fully Analyze Scenes**
 Analyze the scene with confidence using the independently validated tools for bullet trajectory and blood spatter pattern analysis. Crash analysis tools apply accepted formulas to perform crush analysis, calculate speed from skid marks, critical speed yaw, momentum and more.
- Easy Workflow**
 Merge and align point clouds, or use point cloud models, to place vehicles that were removed back into the scene of the crash.
- Photo-Realistic Results**
 Create incredible 3D environments with multiple light sources, grass that grows, car doors and hoods that open, and enhanced material textures for stone, brick, wood, metal, water and more.
- Custom VR Training Scenarios**
 Turn any scanned scene into an exciting VR training scenario, take photos and measurements, pick up evidence, and swab for DNA samples, all while completely immersed in the VR forensic scene.



FARO Zone 2D

This inexpensive software can be easily deployed throughout the entire department and helps law enforcement officers create 2D crash report diagrams in as little as five minutes. FARO Zone 2D is also the ideal software to quickly create detailed, pre-incident plan diagrams. Firefighters and other first responders value these clear, consistent diagrams to help them make critical decisions at the scene when every second counts.

“Crash reconstruction isn’t about creating Hollywood theatrics, it’s about **finding truth through science**. FARO Zone 3D Expert is what I use **to show the science of a crash.**”

Carl Lakowicz,
Northpoint Collision Consultants

FARO Zone System Requirements

Recommended	FARO Zone 2D	FARO Zone 3D Pro	FARO Zone 3D Expert
Operating System	Microsoft Windows 10	Microsoft Windows 10	Microsoft Windows 10
Processor	Intel i5 or equivalent	Intel i7 or equivalent	Intel i7 or equivalent
RAM	4 GB	16 GB	16 GB
Hard Drive	8 GB free	12 GB free	12 GB free
Graphics Card	DirectX 11 compatible card, such as an Nvidia® Quadro 2000, GeForce 400+	GeForce GTX 1060 or better; If tiling large images 4GB video RAM minimum	GeForce GTX 1060 or better; If tiling large images 4GB video RAM minimum
VR Requirements			Oculus Rift or HTC Vive plus ports required by headset

Local Offices in over 25 countries around the world. Go to www.FARO.com to learn more.

FARO Global Headquarters
250 Technology Park, Lake Mary, FL 32746, USA
US: 800 736 0234 MX: +52 81 4170 3542
BR: 11 3500 4600 / 0800 892 1192

FARO Europe Regional Headquarters
Lingwiesenstr. 11/2
70825 Korntal-Münchingen, Germany
00 800 3276 7253

FARO Asia Regional Headquarters
No. 3 Changi South Street 2, #01-01 Xilin
District Centre Building B Singapore, 486548
+65 65111350