



MapScenes[®]
S Y S T E M S



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The MapScenes System provides professional investigators with the power tools needed to capture data quickly and precisely at a scene. Desktop tools visually communicate the output in accurate and compelling diagrams and animations.

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THE MapScenes SYSTEM

- ✓ Evidence Collection Software
 - ✓ Evidence Collection Hardware
 - ✓ Desktop Mapping Software
- ✓ Training



Evidence Collection Software

MapScenes Evidence Recorder, the industry's #1 handheld evidence collection software, allows you to experience productivity gains by visually verifying your scene data collection right in the palm of your hand! Seamlessly integrates with MapScenes Forensic CAD.



Evidence Collection Hardware

The most rugged and reliable forensic data collection hardware available. Rugged, powerful, and versatile to handle your most demanding needs. They meet IP67 and Mil-Std-810F standards for drop, vibration, immersion, humidity, and operating temperatures.



Desktop Mapping & Animation

The most precise desktop forensic mapping and animation software packages available in the world. Providing law enforcement professionals and accident reconstruction specialists with confidence that the evidence presented is precise, compelling, and irrefutable.



Certified Training

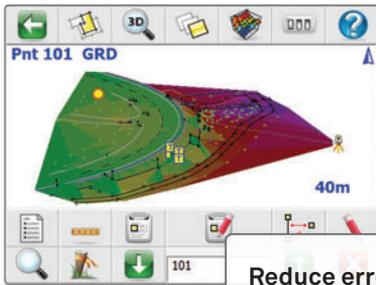
Training is essential in all facets of law enforcement. MapScenes acknowledges its responsibility to the industry by ensuring that all trainers and educational courses are kept up to date through a base educational standard, preserving quality and integrity.

EVIDENCE COLLECTION - SOFTWARE

LAW ENFORCEMENT PROFESSIONALS USE EVR

Evidence Recorder (EVR) is the world's best selling evidence collection software built specifically for the professional reconstructionist.

Using a Windows Mobile or Windows 7 tablet device EVR allows you to experience the power, precision and productivity gains associated with being able to visually verify your ongoing field evidence collection – on-the-spot, right in the palm of your hand! Then for maximum results can be seamlessly integrated into the MapScenes desktop software.

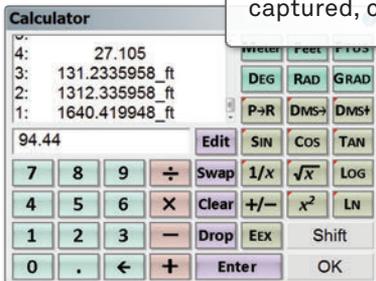


Reduce errors. Save time. Eliminate frustration.



Evidence Recorder enables you to identify details graphically, confirm you have everything you need, and rectify any errors or omissions – all before you leave the scene.

With its enhanced graphics, broad total station & GPS support, advanced measurement options, audio notes, calculation & surface modeling, plus many more productivity tools, Evidence Recorder will give you confidence that your evidence data is captured, correct, and comprehensive.



EVIDENCE COLLECTION - HARDWARE

A WINNING COMBINATION

MapScenes Evidence Recorder data collection software is included on all hardware configurations - making the best use of standard and high definition displays with large buttons and crisp graphics.



Nautiz X7 by Handheld exemplifies the evolution of handheld computers. Packed with innovative advancements in PDA technology, it surpasses everything else on the market with its mix of power, functionality and ruggedness.



The Archer Field PC by Juniper Systems is rugged, powerful, and versatile to handle your most demanding needs. It meets IP67 and Mil-Std-810F standards for drop, vibration, immersion, humidity, and operating temperatures.



The ultra-rugged **Allegro MX Field PC by Juniper Systems** is built to perform in the most demanding outdoor or industrial environments.

For those seeking a larger screen and a more powerful field computer,

ruggedized tablets are the way to go. The **Algiz 7 by Handheld** sports a 7-inch screen running Windows 7, along with all the bells and whistles. If you would like to stick with the leaner Windows Mobile, the **Mesa Rugged Notepad by Juniper Systems** is the perfect solution.



EVIDENCE COLLECTION - HARDWARE

TOTAL STATION OR GPS?

Evidence Recorder supports virtually all conventional total stations dating back to the early 90s. EVR has built-in support for all major manufacturers' robotic total stations.

Did you know, EVR also supports a wide variety of pole-mounted RTK GPS systems?

If you use a GPS receiver instead of a total station, you can save on personnel costs, free up traffic sooner, achieve high-accuracy results - all while hauling around less gear.



RTK GPS Benefits Over Total Stations:

One person operation

Only one person is required to operate a GPS receiver compared to a conventional (non-robotic) total station that requires two people.

Real World Coordinates

GPS receivers operate using geodetic coordinates. Easy to convert and fit into a municipalities' GIS, allowing you to merge elements and structures from existing maps.

No line of sight? No problem

GPS only requires an unimpeded view of the sky.

Avoid repetition and errors

As you know, it's possible to introduce errors each time you take down and set up your total station in a new spot; errors which will propagate to all further shots. GPS observations have no correlation to the previous ones, so error propagation simply does not occur.



Tell us your typical workflow and environmental conditions, and we will let you know if GPS is the right solution for you.

DESKTOP MAPPING



ADD-ON OPTIONS TO MEET YOUR EXACT NEEDS

MapScenes provides professional investigators with the tools needed to visually communicate the output via accurate and compelling diagrams and animations.

To ensure your exact needs are met, we have built two add-on options; choose your own combination and pay only for functionality you use.

Forensic Mapping



Animation Module

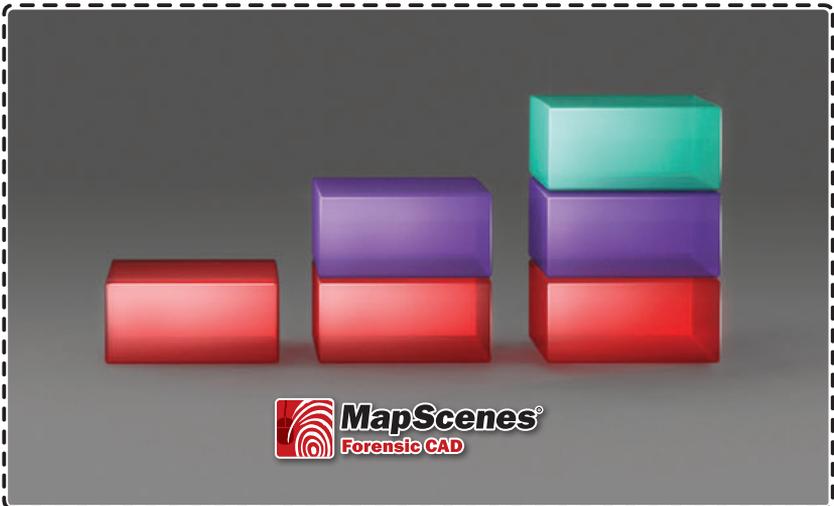


Point Cloud Module



From these components, you have four combinations to choose from:

1. MapScenes Forensic CAD by itself
2. MapScenes Forensic CAD + Animation Module
3. MapScenes Forensic CAD + PointCloud Module
4. MapScenes Forensic CAD + Animation Module + PointCloud Module



MapScenes FORENSIC CAD

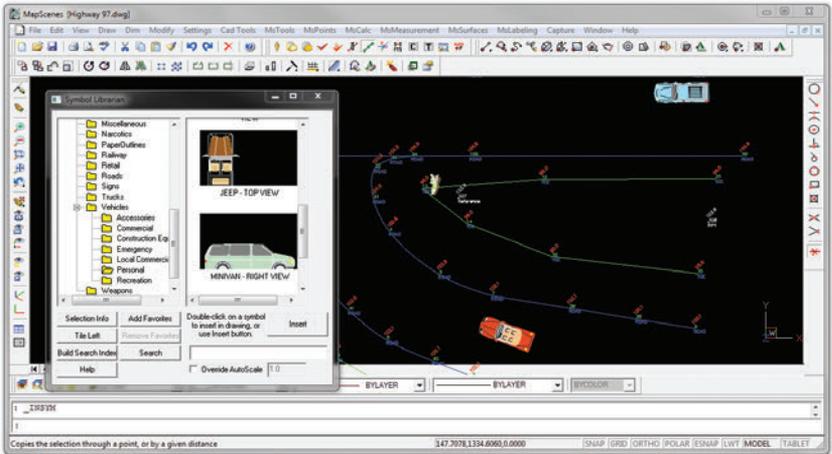
**FOR LAW ENFORCEMENT AND
ACCIDENT INVESTIGATORS**



MapScenes Forensic CAD is the most precise desktop forensic mapping software available in the world. This powerful and feature rich program provides Law Enforcement Professionals and Accident Reconstruction Specialists, like you, with confidence that the evidence they present is precise, compelling, and irrefutable.

Produce scaled diagrams for use in court, creating a strong visual case for the prosecution or defense.

Input evidence collected at a crash or crime scene using data from evidence collection software to create detailed and accurate diagrams. Seamless integration with Evidence Recorder software ensures accurate diagrams, enabling investigators to testify on specific “conditions and effects” of an incident with confidence.



FEATURES:

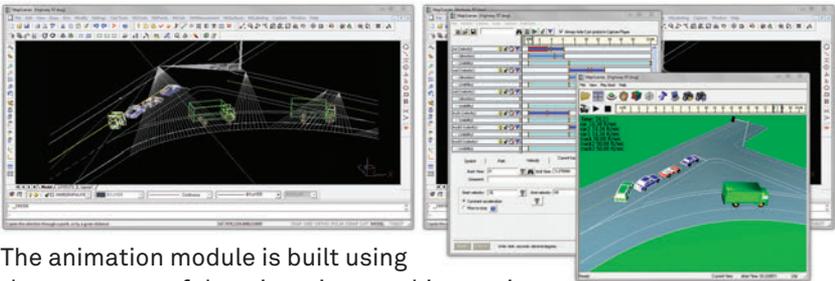
- Total station and data collector support
- Evidence integrity measures
- Coordinate calculations
- Powerful CAD tools
- Crash and crime scene symbols
- Automap system
- Drawing utilities
- Customization
- True 3D drawing and analysis
- Scene analysis tools
- And much more! View our website for specifics

ANIMATION MODULE

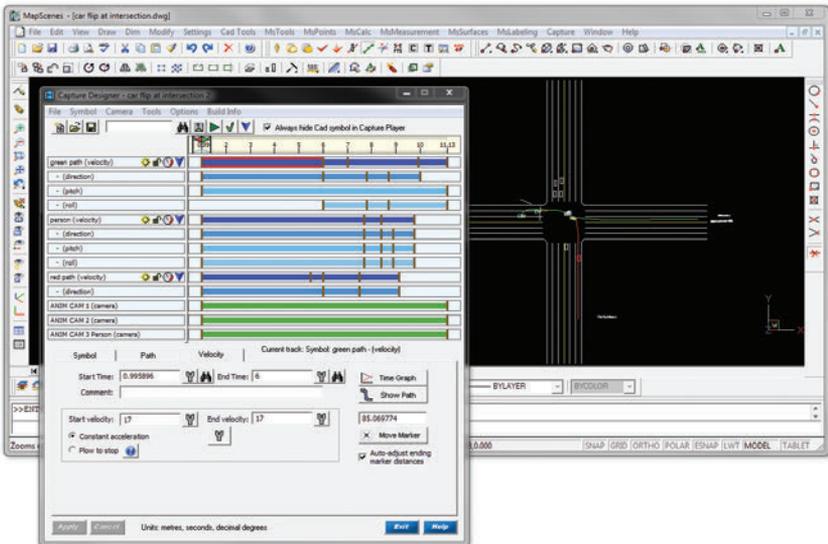


CREATE COMPLEX SCENES AND ANIMATIONS WITH EASE

The animation module is an add-on component built for professionals wanting to create 2D and 3D animations. Unlike other animation products, this is the only product available that truly gives you the flexibility and power you need to accurately animate your scenes.



The animation module is built using the most powerful engineering graphics engine available, the same advanced engine used in professional products like 3DStudio MAX, Solidworks, Microstation, and Pro Engineer. Giving you the tools you need to analyze, edit, and build compelling animations.



Many years of engineering and surveying software development enable us to add functionality beyond your expectations.

POINT CLOUD MODULE

LET THE SCENE SPEAK FOR ITSELF

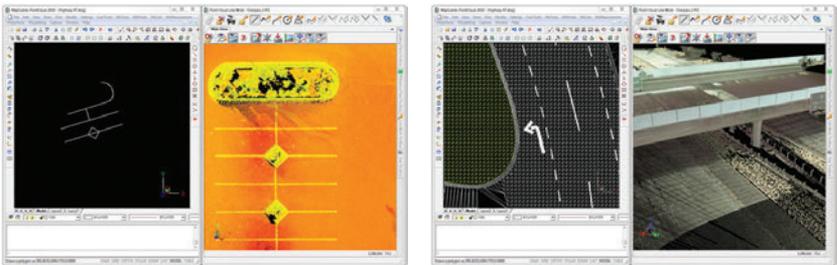


The point cloud module is a powerful point cloud/lidar data visualization and tool. Forensic investigators and accident scene reconstructionists use this, often combined with the animation module, to not only assist with rapid scene mapping, but also to augment your animations with point cloud information; effortlessly adding realism.

This module is built using the most powerful graphics engine available combined with the Leica pcE point cloud engine. This combination allows for the easy loading of millions of points. Our use of DWG files allows for the display and animation of DWG entities directly in the point cloud.

Integrated with CAD

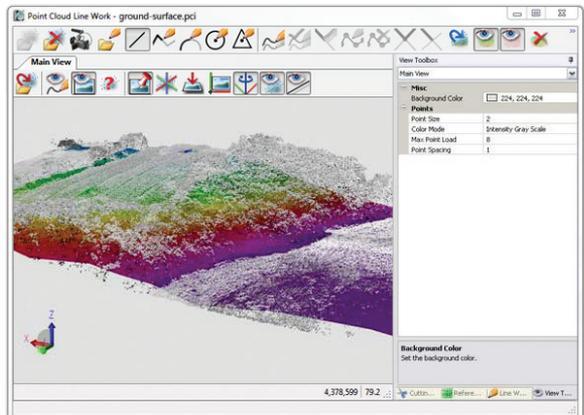
Dual screen operation. Draw lines, arcs, circles, points and polygons directly in the point cloud.



Surface Modeling and Contouring

Create a surface of your point cloud with the click of a button. Find lowest point by grid to help create accurate ground models from point cloud or LiDAR data.

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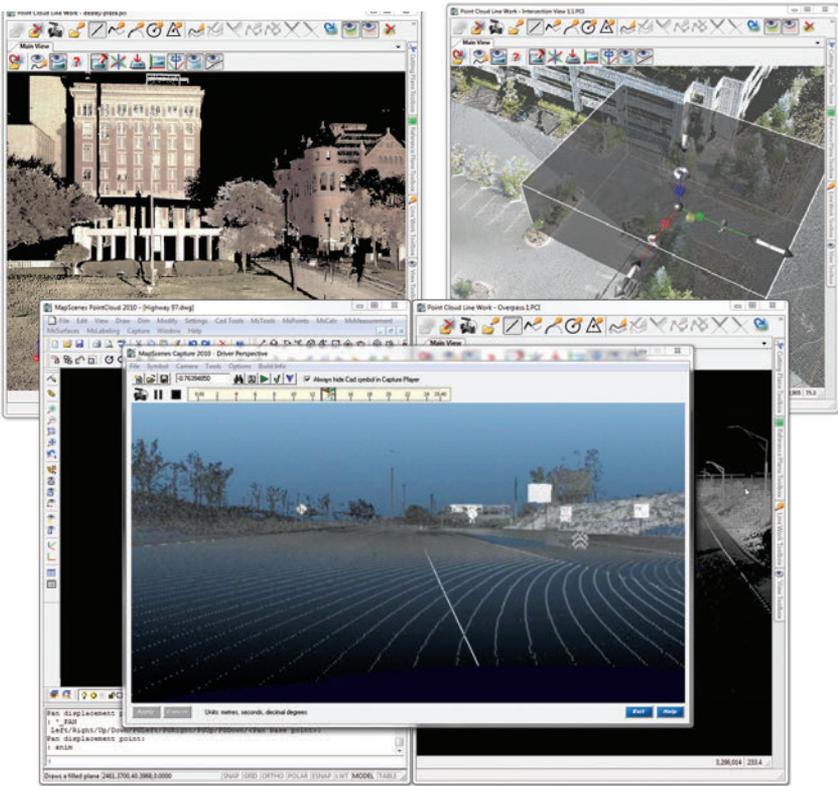
POINT CLOUD MODULE



MORE POINT CLOUD FEATURES

Powerful Point Cloud Engine & Visualization Tools

Familiar CAD viewing and zooming behavior make it easy to navigate through your data. Cutting cubes to segment large or complicated point clouds. Tired of slow point cloud software? MapScenes Forensic CAD with the point cloud module is built on an extremely efficient indexing system that is much faster than the competition.



Professional Keyframe-based Animation

When used together, the point cloud module and the animation module can be a powerful duo. Animate your CAD objects and camera movement **through the point cloud**. Include the point cloud in your animation for added realism - no extra effort. Mapping through to animating, your efficiency will soar!

CERTIFIED TRAINING

LEARN WITH THE BEST



Training is essential in all facets of law enforcement. MapScenes acknowledges its responsibility to the industry by ensuring that all trainers and educational courses are kept up to date through a base educational standard, preserving quality and integrity.

We have set an industry benchmark by developing a comprehensive framework that provides investigators with the knowledge and skills required to use the MapScenes system easily, efficiently, and above all, expertly.

CTS – A MapScenes Power Tool for the Demanding Professional

The CTS has different levels of educational modules depending on the your level of experience. This means you can be confident in applying the power and precision of MapScenes tools to the demands of real life requirements. Qualified students become knowledgeable using the MapScenes System and therefore are designated a MapScenes Certified Professional. There's no value in having power you can't use.

Instructors of the CTS are industry professionals, providing group instruction and individual assistance to cater to every aptitude and background. They are qualified to be a MapScenes Certified Instructor, able to deliver technical issues into understandable concepts and applied knowledge by following a strict Course Training Standard guideline to deliver the curriculum.



TESTIMONIALS



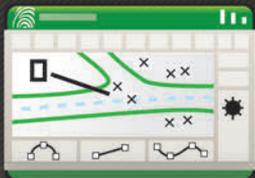
Feedback from the Experts:

“I have to say, I have been enjoying working with MapScenes. The more time I spend working with the software, the more I am impressed ... I prefer MapScenes over any other software that I am currently using. It is my hope that with the little amount of time that I have spent using it, that I will be able to show the decision makers how MapScenes could benefit this department.”

Officer Paul Gray
California Highway Patrol
Southern Division MAIT Unit

“The thing I have always been most impressed with is the customer service and the MapScenes Team. The tech support guys are awesome and actually return calls very promptly. I have used MapScenes since 2000. The ease of capturing scene data with EVR at the scene and seamlessly integrating it into my desktop save time and client money. It is all so intuitive. I have to pay for all of the equipment we use so I am very discriminating. I get call and emails all the time wanting me to switch to other products sometimes with significant introductory price reductions. We evaluate them carefully since I have to pay for the product. I have yet to find a product that even comes close to the quality and efficiency of MapScenes from the scene to the finished diagram. It is simply the best, by far, on the market in my opinion.”

Stan Oglesby
Midwest Accident Reconstruction Services, L.L.C.



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SYSTEMS

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