

# CRASH AND CRIME SCENE MAPPING

- + Meet Indoor and Outdoor Mapping Challenges
- + Complete Hardware/Software Packages
- + Field Data to Courtroom Diagrams

Collision  
Technologies



## Crash Scene Mapping

Typical surveying equipment is pricey and known to be difficult to use and set up. With the high cost of shutting down roadways and the dangerous risk of secondary accidents, time is always of the essence.

- Set up in seconds and map the scene quicker to maximize everyone's safety
- Map in any surrounding landmark without a prism with reflectorless technology
- Save thousands on equipment and avoid the need for extensive training



## Field Data Collection with QuickMap 3D®

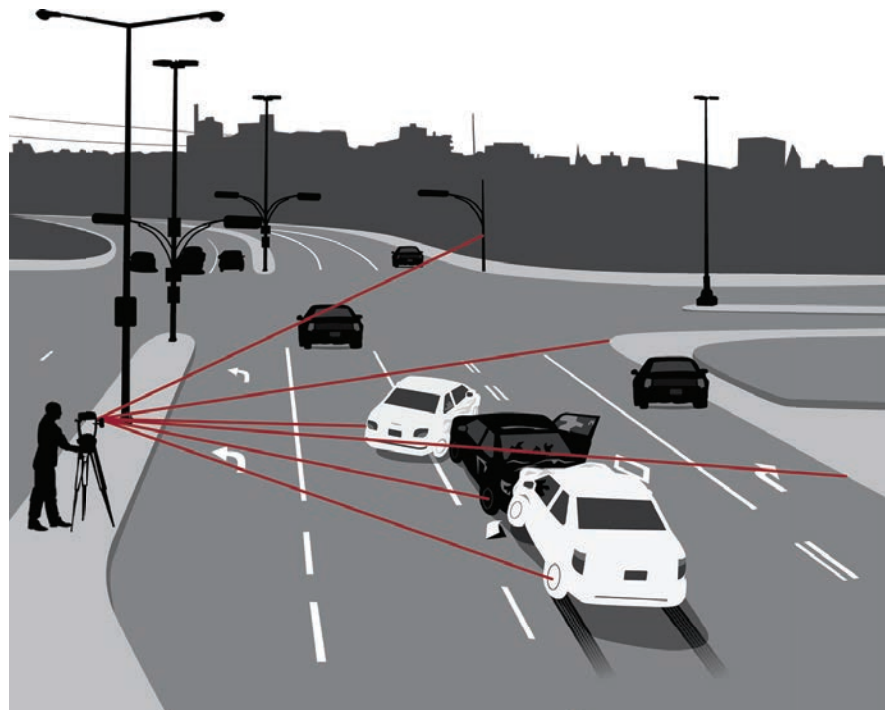
In the 1990's, LTI released the very first crash mapping software designed for the non-surveyor. It's known for being very intuitive, making it easy to collect, store and identify critical evidence as fast as you can point and shoot a laser.



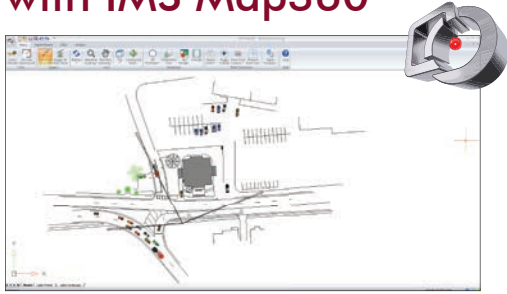
- Adapt to any scene terrain challenge by choosing from three mapping techniques
- Quickly identify points with a custom-built pick list of commonly mapped features
- Use the CAD program of your choice and save all your collected data in .txt, .csv, .dxf, .raw, and .bmp formats

## TruPulse® 200X + MapStar® TruAngle® for Outdoor Use

- Achieve a wide vantage point and minimize traversing with the laser's powerful 7x magnification
- Set up and measure in less time with lightweight, easy-to-operate equipment
- Measure only the points you need and transfer them into CAD on the computer you already have



## Desktop Diagramming with IMS Map360



- Automatically join your line work from QuickMap 3D points with Scene-to-Map functionality
- Access commonly used incident reconstruction formulas via the scene analysis tool
- Benefit from using the trajectory insertion feature to make a stronger case

## Crime Scene Mapping

Surveying a crime scene is a tedious task that needs to be documented quickly, yet with a high level of accuracy. The evidence cannot be disturbed, and the documentation needs to be carefully preserved.

- Have confidence that valuable points are accurately collected
- Use advanced technology that is affordable for any department
- Set up and measure your first point within seconds
- Preserve the scene by plotting points from a preferred distance

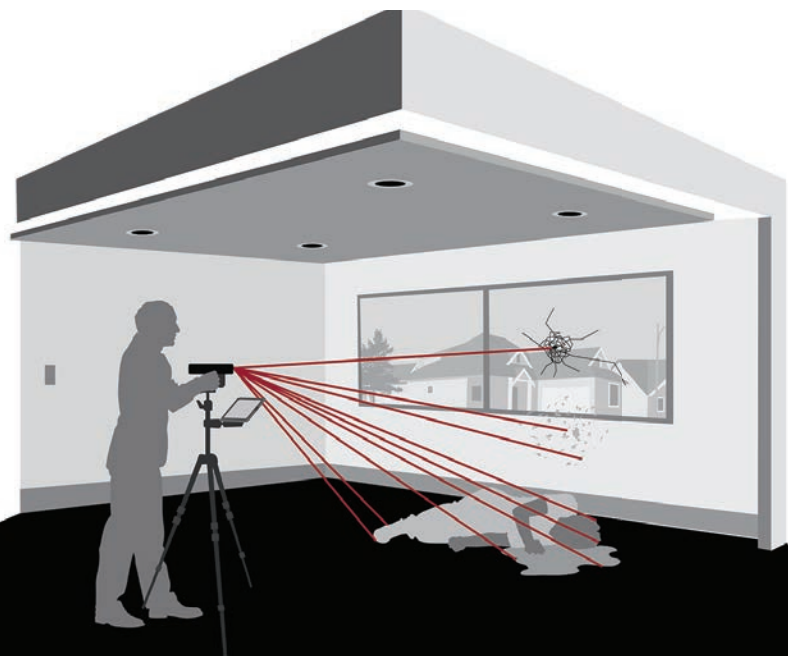


## TruPoint™ 300 for Indoor Use

- Obtain millimeter accuracy with precision of red-dot targeting and camera aiming
- Only get the points you need and work with reasonably sized files on the computer you already have
- Fit into any room and measure evidence within tight spaces

## Reasons Why to Buy LTI

- Has served law enforcement agencies for over 25 years
- Specializes in laser-based technology and is a holder of over 66 patents
- Manufactures high-quality, cost-effective instruments





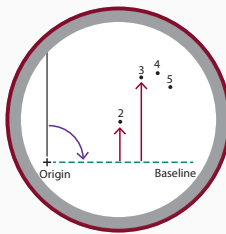
# LTI's LaserSoft® QuickMap 3D® Now on Android Platform

LTI has once again proven to be on the cutting edge of technology with the release of the very first incident mapping software for Android and Apple Devices. Now crime, crash and arson investigators can utilize all the benefits of the original QM3D with new functionality to make mapping a scene even more efficient.

Enjoy a 30 day free trial to test the software!

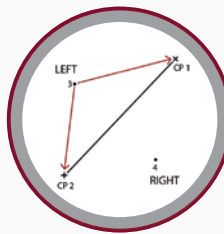


CT7G Tablet (IP68 rated ) by Cedar Tree Technologies, Inc. version 4.1 or later - Country of Origin: China



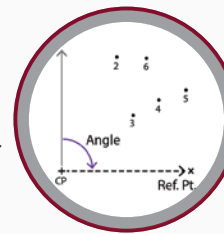
## **BASELINE**

Occupy the roadside and measure features at a 90-degree angle.



## **RANGE/RANGE**

Occupy the point of interest and measure the same two remote targets.



## **RADIAL WITH ANGLE**

Occupy any safe location and measure features at any angle.

## Laser Specifications



**TruPulse® 200X**



**TruSpeed® Sxb**



**TruPoint™ 300**

Range	Reflective 8,200 ft (2500 m) Nonreflective 6,233 ft (1900 m)	2,000 ft (609 m)	1,000 ft (300 m)
Speed	N/A	0 to 200 mph, $\pm 1$ mph accuracy	N/A
Range Accuracy	$\pm 1.6$ in (4 cm) Typical		$\pm 0.04$ in (1 mm) Typical
Inclination Accuracy	$\pm 0.1^\circ$ Typical		$\pm 0.1^\circ$ Typical
Power	(1) CR123A Battery		Li-ion rechargeable
Country of Origin	United States	United States	Austria

## Angle Encoder Specifications



**MapStar® TruAngle®**



**TruPoint™ 300**

Angle Range	0 to 359.99°	
Angle Accuracy (Mounted)	$\pm 0.05^\circ$	$\pm 0.1^\circ$
Power	(2) AA Batteries, up to 8 hours use	Li-ion rechargeable
Communication	RS 232, NMEA	Bluetooth® SMART and WiFi
Country of Origin	United States	Austria

## Supported Data Collector



Archer 2 (IP 67 rated)  
by Juniper Systems  
Country of Origin:  
United States