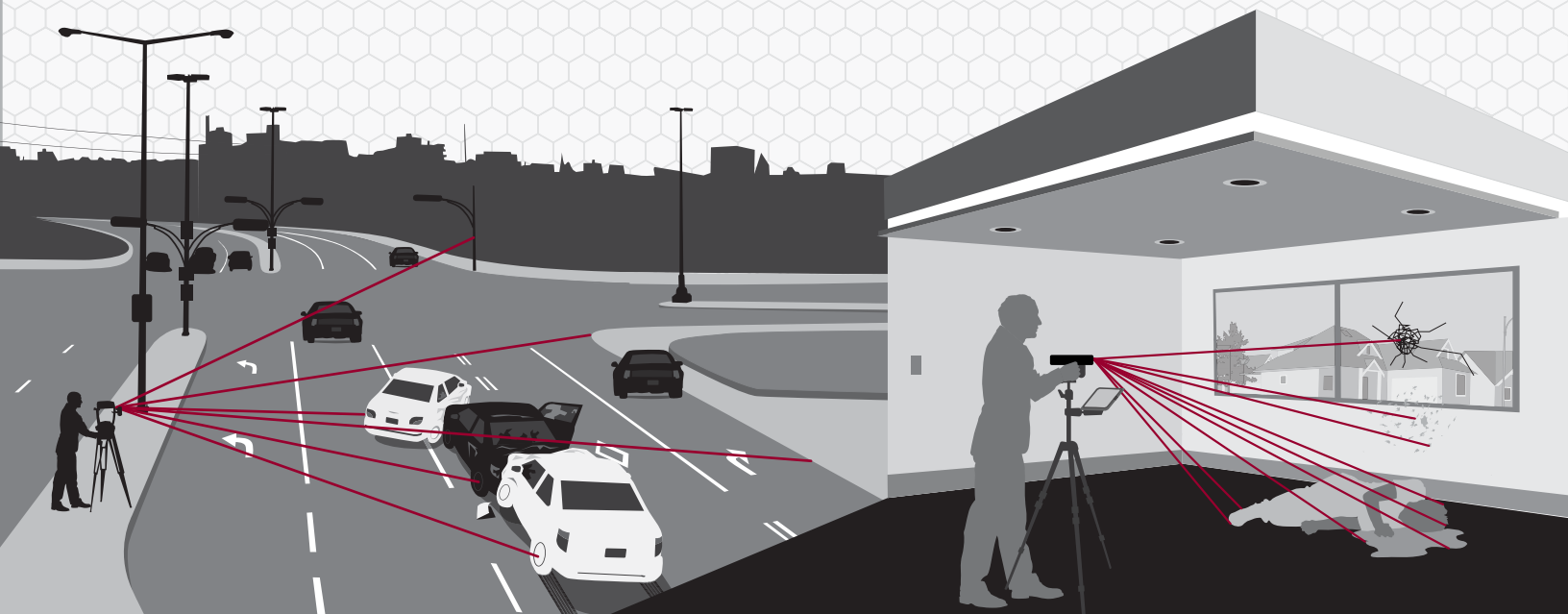


# QUICKMAP 3D<sup>®</sup> FOR ANDROID FIELD DATA COLLECTION

- + Incident Mapping Applications
- + Improved Workflow
- + Collecting Data Your Way
- + Intuitive Help and Support
- + Organized Photo Data
- + Field to Courtroom Synergy
- + Complete Mapping Packages



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 **LASER<sup>™</sup>  
TECHNOLOGY**  
Measurably Superior<sup>®</sup>

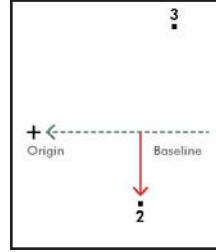
## QuickMap 3D for Incident Mapping

LTI has once again proven to be on the cutting edge of technology with the release of the very first incident mapping software on the Android platform. 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.



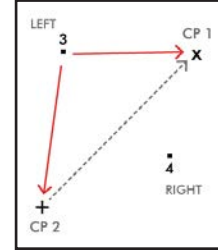
## Collect Data Your Way

QM3D is adaptable to any scene with specialized mapping techniques for any situation or equipment assembly.



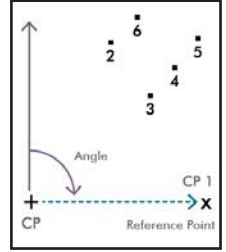
Baseline Offset:

Occupy the roadside and measure all features at a 90° angle.



Range Triangulation:

Occupy the feature and measure to the same two remote targets.



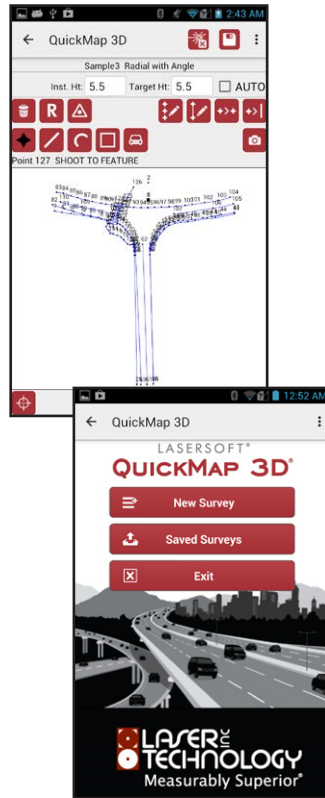
Radial with Angle:

Occupy any safe location and measure features at any angle.

## Improved Workflow Thanks to Android

Take advantage of all the benefits from smart device technology and eliminate frustrations associated with the Windows Mobile platform.

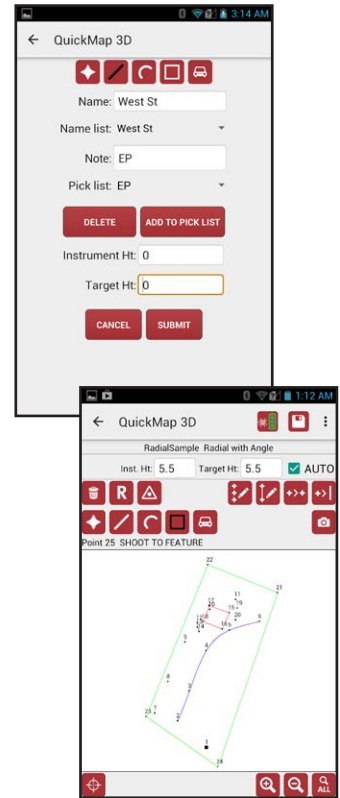
- Transfer your field data via Wi-Fi and say goodbye to cables and connectivity issues
- Pair the laser's Bluetooth® once and have it automatically connected thereafter for all new maps
- Eliminate eye strain and clearly see everything with a larger display and intuitive icons
- Automatically receive feature updates through Google Play



## Map Points, Lines, Splines and Areas

Shorten your desktop diagramming time by establishing feature types and specific notations right in the field.

- Map and notate any individual point or group of points
- Transform a mapped feature type to any other feature type in two steps
- Transition easily from a line to a curve with the new advanced spline
- Draw an outline around irregular shapes using the area feature



### REMOTE FIRE

Improve stability and targeting by using the laser's remote fire capability from your tablet.



### FIELD CALCULATIONS

Get measurement values between any point and any other point or line segment at any time.



### SPLINE CURVE

Enjoy pre-diagramming that follows your lead with the advanced spline curve feature.

## Field to Courtroom Synergy

LTI offers two CAD-based diagramming programs as a part of its complete mapping packages. The most recently released IMS Map360 is the newest addition with these specific features.

- 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

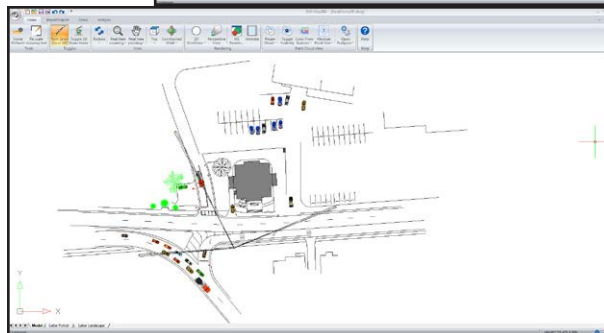
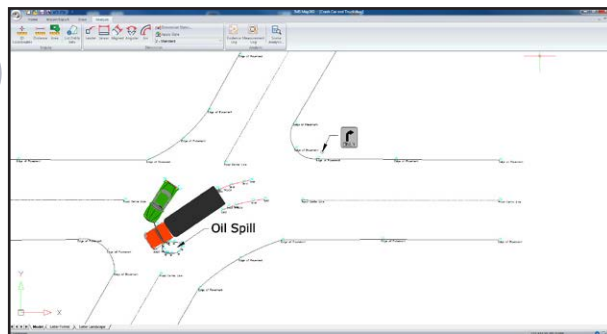
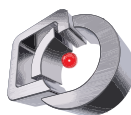
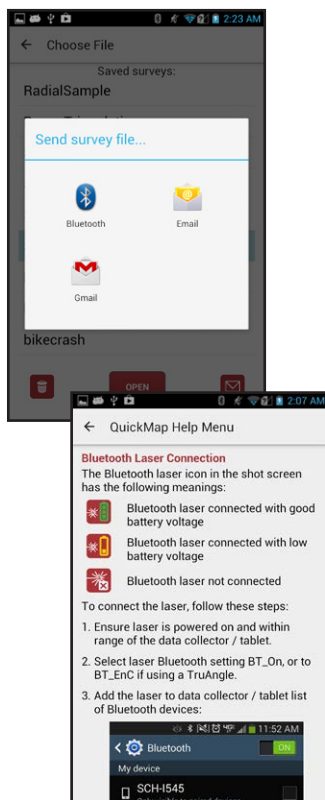
## QM3D Report Formats

- Text Report (\*.txt)
- Spreadsheet Report (\*.csv)
- CAD file (\*.dxf)
- Raw Data (\*.raw)
- Graphic Small (\*.png)
- Graphic Large (\*.png)

## Intuitive Help and Support

Your questions will be answered and problems solved right in the field with QM3D built-in help.

- Easily catch and correct the most common mapping mistakes
- Save time by utilizing the on-board conversion table
- Better understand how to set up and execute all three mapping methods
- Email LTI's support team a built-in, self-diagnostic file to minimize turnaround time
- Know exactly how to properly traverse from one control point to another step-by-step



## Organized Photo Data

Unlike any other mapping program, you can take photos of the scene that match up with your data set.

- Have photos automatically named by file name, point number and note
- Take additional up close photos of the same measurement point
- Insert images into CAD to enhance your 3D diagrams
- Use for crush analysis reports



### REPOSITIONING

Easily pick up and move control points with a 3-step traverse routine.



### GET A CLOSER LOOK

Choose between touch zoom in/out and panning or simplified icons for those days when gloves are a must.



### SAVE AND SEND

Eliminate cables to transfer your data and just simply email it all.

# QuickMap Android Specifications

## QuickMap 3D®

Operating Systems	Android version 4.1 and later
Supported Devices	CT7 Tablet (IP 67 rated) - Cedar Tree Technologies, Inc. Most tablets running Android version 4.1 or later
Connectivity	Bluetooth and/or WLAN
Compatible Lasers	TruSpeed Sxb, TruPulse 200X and TruPoint 300
Supported Languages	English (A template is available for translation)

## Compatible CAD Programs

- IMS Map360 by Leica Geosystems
- Crash Zone by FARO
- ARAS 360 by FARO
- EdgeFX by Visual Statement
- CSI Office by Carlson

## 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



**MapStar TruAngle**



**TruPoint 300**

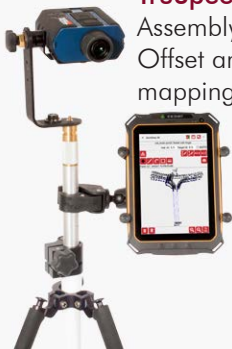
Angle Range	0 to 359.99°	
Angle Accuracy (Mounted)	$\pm 0.05^\circ$	$\pm 0.1^\circ$
Power	(2) AA batteries, up to 8 hours of use	Li-ion rechargeable
Communication	RS232, NMEA, *Bluetooth® loop	Bluetooth® SMART and WLAN

\*Bluetooth loop on TruAngle is only compatible with TruPulse 200X and TruSpeed Sxb laser models.

## Complete Hardware Options

### TruSpeed Sxb

Assembly is designed for Baseline Offset and Range Triangulation mapping methods



### TruPulse 200X MapStar TruAngle

Perfect for the Radial with Angle mapping method

### TruPoint 300

Ideal for indoor or close proximity Radial with Angle mapping and crush analysis data collection

