

SURVEY QUALITY MAPPING FOR NON-SURVEYORS.

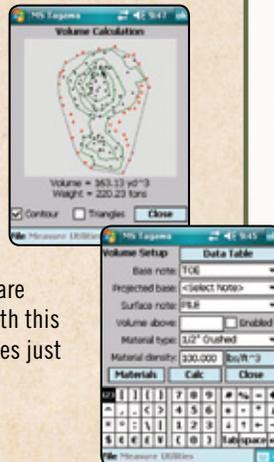
With LTI's MapSmart, anyone can be mapping like an expert in minutes. It lets you collect and store data points electronically and easily transfer them to your PC. You can even view calculations right in the field, with full review and editing options, so you can quality check your data before you leave the site.

MAPSMART KEY FEATURES

- Accommodate for almost every situation you may encounter with the choice of four mapping methods
- Upload a custom list of descriptions to quickly identify common measurement points
- Generate point, line, curve and area features
- Instantly calculate areas and traverse closures, and verify distances and azimuth between any two points in the field
- Quality check data as you go with the live map display
- Use the helpful reminders throughout the program to make operation even easier
- Have complete editing capabilities on site and even zoom in/out for greater map detail

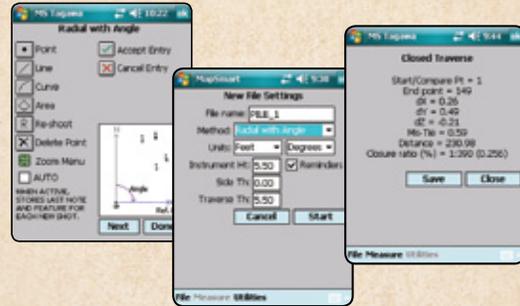
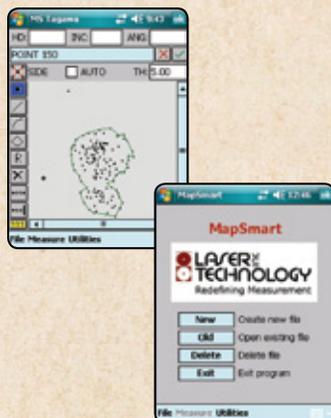
MAPSMART + VOLUME UPGRADE

With this upgrade, you can measure a stockpile and calculate the volume right in the field. The software updates your map as you collect points, so you can feel more confident that the shots you take are being recorded correctly. Stockpile data can even be viewed in a raw format or as a contour map. For more useful results, enter the type of material you're measuring, and the software will even calculate the weight of your product. With this simple yet versatile software, measuring stockpiles just might be the easiest thing you do all week.



OPERATING SYSTEM REQUIREMENTS:

PC: Windows XP, Vista; Mobile Devices (Recon, iPAQ): Pocket PC 2003 (PPC 2003), PPC 2003 SE, Windows Mobile 5 (WM5), WM6, WM6.1.



CHOOSE AMONG 4 MAPPING TECHNIQUES

BASELINE OFFSET

This is best for mapping long, narrow areas, such as railroad or pipeline right-of-ways. Simply take a shot along the baseline and a second shot at a right angle offset to the target to establish its location. (Laser required)

RANGE TRIANGULATION

This is best for small-scale projects, such as an archeological dig or site map. Choose two targets as control points, then locate each feature by occupying it and shooting a distance to both targets. (Laser required)

RADIAL WITH AZIMUTH

This is best for larger projects requiring numerous shots, such as long boundary traverses or stockpiles. Take a single shot that instantly combines azimuth and distance values to generate the location of your targets. (Compass and laser required)

RADIAL WITH ANGLE

This is best for urban areas or for use near heavy equipment where a compass is less reliable. It offers the same advantages as the Radial with Azimuth method, but requires a reference shot for every new occupied point. (Angle device and laser required)

