

# One Page Tip Sheet

## *Basic Steps to producing the iWitness™ 3D Points and Lines*

Import the Images into the iWitness program.

The initial requirement is two images with good angle separation to start the point referencing.

Select the 'R' mode and reference 7 points to accomplish the automatic Relative Orientation (RO).

Add to a total quantity of 12 referenced points or > to the initial two images.

Save the project at this time.

For ease of use, ACCOMPLISH TWO-IMAGE REFERENCING AT A TIME. For example, reference the initial two images, and then introduce the third image. Complete at least 10 Referenced points in the third image before going on to the fourth image, etc, etc. It is recommended that you do not start cross-referencing multiple images with only a few points in each image, early in the project. If possible, mark points with good spatial separation.

Marking the 12 (or more) points in the initial two images carefully – this is very important for starting the project.

Proceed to the third image and reference mark.

Edit/Review (E-key) to verify point marking – move the image markings as necessary.

Right-click in the 'Select Mode', (using the White Arrow) to 'ADD Scale'.

Accomplish the '3-2-1' (rotation of the project network).

Optionally: Add colors to the 3D Points and/or Lines.

Click on the Spreadsheet icon (3D Point list to verify the 3D point residuals).

DXF or ASCII Text export to your working folder, for export to your report, or to CADD for diagramming.