

Introduction:

Crime Scene Virtual Tour (CSVTV) is a distinctive virtual reality solution for crime scene investigation. Based on 360 degree panoramas and providing 3D measurement feature, CSVTV gives an easy way to reconstruct a 3D crime scene through photos and offers unparalleled features to crime scene investigators, which takes them back to the crime scenes and enables them to wander through the scene.

It includes the following main features:

I. 3D Reconstruction

CSVTV provides an easy way to reconstruct a 3D crime scene through photographs and offers unparalleled features for crime scene investigators

II. 3D Measurement

You can accurately measure the distance of any two points in the 3D panorama with CSVTV Publisher.

III. Simulation

Simulate the criminal process to help investigators to analyze and investigate.

IV. Documentation

Generate a complete documentation quickly and easily

3D Reconstruction:

Compared with conventional photograph, the field of view of the images in crime scene virtual tour reaches 360 degree, far wider than the former. Crime scene investigators will have an overall idea on the place and never lose any suspicious clue. However, it is not just an album of photographs with 360 degree field of view, but is kind of crime scene reconstruction integrating many elements, which brings you back to the actual place where crime happens, and offers you the opportunity to find the reality in a virtual environment.



3D Measurement

In CSVTV 3.00, you can measure the distance of any two points in 360 degrees panorama. The measuring result can be accurate to millimetre.



Simulation

You can build crime scene movie with CSVT Publisher which will run automatically when starting virtual tour. Besides, you can simulate crime scene videos with several possibilities and link those videos in the relevant panorama with hotspots.



Documentation

Integrated with map, radar effect, detailed image for evidence, text description, simulation video, Crime Scene Virtual Tour will prove its great significance during crime scene investigation and will be more widely used in forensic science. Its capabilities and advantages will continue to impress its users.



Other features:

1. Right-click stitching

After installing CSVT, you will find stitch/batch stitch function in right-click menu when you select several images which are to be stitched into panorama. You need not start program before stitching. This feature will simplify your work and save your time.

2. Batch stitching

You can stitch multiple panoramas, even more than one hundred, at one time by a right-click batch

stitching. Such feature will greatly save your time and it may be operated automatically when you are out of office.

3. Print

The whole documentation can be printed easily at any time when you need.

4. Full screen

Double click on scene viewer, map viewer, detailed image viewer to access full screen mode. Another double click will bring you back to normal.

5. Hotspot classification

No matter how many detailed images there are, you can classify them into different folders like Blood folder, Footprint folder, Bullet folder, etc. It will be very easy for you to find the relative images from detailed image list.

6. Generate hotspot easily

You may generate hotspot by dragging panorama, detailed image or map from their list panel to the current panorama/map which is displayed in scene viewer/map viewer.

7. Switch among multiple panoramas/maps/detailed images

All panoramas/detailed images/maps are displayed in their list panel and you can switch them easily.