LiDAR Solutions for CSI

SOKKIA

1. Crime scene area survey and recording
2. Evidence recording
3. Forensic CAD layout and scene creation
4. Capture all area detail & conditions
5. Create travel path & animation
6. Point cloud to 3D model
7. 2D CAD drawings

➢ Graphical Visualisation
➢ Image & scene integration
➢ Input key attributes and annotation with pictures
➢ Point cloud for accurate measurements

Scene Visualization

Visualize crime scene before generating maps and reenactment virtual animation

Scene Validation

Integrate 3D models with 360 degree images to create road conditions and other factors based on texture and intensity and even sun angle
Scene Integration

Integrate models with library of forensic labels to create surface models, slopes, braking distance and other attributes.

Attribute Validation

Integrate 3D models & identify interferences and measure attributes to construct real scenes

Export:
Line work, 2D drawings, 3D Model, Polylines, Features, Assets, Street Furniture, Planes, Edges, Cross-sections, Mesh, Features, Angles, Lengths, Heights, Volume, Vectors, Annotation, Colour 3D point cloud, Break Lines, Ground, Non-Ground, Surface Grid, Hill-shades, Draped Imagery, Contours, Intensity, Texture, Layers, DTM, Classified points, Assets, Dimensions, Line of sight, Fly Through, Projection, etc.

Export Format:
 DXF, DWG, BMP, GIF, JPEG, PNG, TIFF, CL3, CLR, PTX, CLD, IJ, LAS, OBJ, WRL, X3D, CLT, TRG, PTS, TXT, MSH, TN3, DGN, SHP, XML, PTC, ASCII, GeoTiFF, ESRI, USGS DEM, FLT, and other GIS & CAD compatibility.

Compatibility:
AutoCAD, Civil 3D, Mapscene, ESRI, GIS, ERDAS, ARCView, and other geomatics software's.

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