Pix4Dmatic for Collision Reconstruction & Forensics
3 Day On-Site Training Course Outline

Learning Objectives:

By the end of this training each attendee should have a working understanding of the following concepts:

- Photogrammetry
- Image capture
- Georeferencing
- Verifying accuracy
- Data processing
- Outputs/workflow
- Processing options
- Quality report
- Use of deliverables for crash reconstruction and forensics

Each attendee should be able to execute the following using Pix4Dmatic:

- Create a new project.
- Mark ground control points (GCPs) and reoptimize the project.
- Create and edit the point cloud.
- Create the ortho-mosaic image.
- Generate outputs.
- Implementation of scale constraints, annotations, and measurements.
- Creation of scene views and fly-through videos.
- Project merging, including Catch projects.
- Import Total Station / GNSS data for use as ground control points (GCPs).
- Export of Pix4D files for use in the most common 3rd party reconstruction software.

Pix4Dcatch mobile application

- Use and best practices

Pix4Dcapture Pro Flight Application

- User Interface
- Mission Planning
- Single grid mission (2D)
- Double grid mission (3D)
- Orbit mission
- Best practices