NEW YORK STATEWIDE TRAFFIC ACCIDENT RECONSTRUCTION SOCIETY, Inc.

NYSTARS 2026 Winter Seminar

Recon-3D for Accident Reconstruction:

Documentation, Measurement and

Scene Visualization

Presented by Eugene Liscio, P. Eng.

Friday, March 13, 2026 - 0830 Hrs.
Westchester County Police Academy – 2 Dana Rd., Valhalla, NY 10595
Or
Monday, April 13, 2026 – 0830hrs
Brighton Fire House – 3100 East Ave, Rochester, NY 14610

COST: In-person: $50 for Members, $75 for Non-Members, Lunch Included

Additional Information & Register Online at NYSTARS.ORG or Mail This Registration Form Please make checks payable to "NYSTARS" Mail to: NYSTARS, P.O. Box 177, Mohegan Lake, NY 10547

NAME_____ TEL.NO._____

ADDRESS_____

CITY: _____ STATE: _____ ZIP: _____

E-MAIL _____ACTAR NO._____

METHOD OF PAYMENT (please enclose) Check or Department Voucher
Contact Frank Lynch with any questions at NYSTARSTraining@gmail.com

Recon-3D is an app that uses the LIDAR scanner on your iPhone or iPad to create 3D point clouds for crime and crash scene reconstruction. (www.recon-3d.com)

Participant Requirements (Pre-Course) – Items can be shared

- iPhone Pro / Pro Max or iPad Pro with LiDAR (2020 or newer)
- Recon-3D installed and account created in advance – No need to buy a license prior to training.
- Temporary Recon-3D licenses provided for the training
- Optional: laptop for viewing exports and examples

Course Overview

This one-day training is designed for experienced accident reconstructionists who want to understand how iPhone LiDAR and Recon-3D can be used as a **practical field documentation tool**, and where it fits alongside traditional methods such as total stations, laser scanners, and photogrammetry.
The course focuses on:

- Proper capture techniques using Recon-3D
- Understanding accuracy, scale, and limitations of mobile LiDAR
- Exporting Recon-3D data for measurement, analysis, and reporting
- Defensibility, documentation, and courtroom considerations

This is not a marketing or "pretty models" session—everything is framed around **what holds up in reconstruction work and testimony**.

Proposed One-Day Outline

Morning

- Introduction: Recon-3D in accident reconstruction workflows
- 3D Documentation Technologies: Laser Scanners, Photogrammery, iPhone Lidar...
- Mobile LiDAR fundamentals (what it does well, what it does not)
- Recon-3D app walkthrough and scan planning
- Live demonstration: vehicle and scene scanning

Midday

- Hands-on scanning exercises (participants with LiDAR-enabled devices)
- Instructor-guided corrections and best practices
- Common mistakes that undermine usable data

Afternoon

- Reviewing and validating scans in Recon-3D
- Exporting data (point clouds, meshes, imagery)
- Measurement and reconstruction use cases (vehicle crush, distances, scene context)
- Integrating Recon-3D data with other reconstruction tools
- Reporting, documentation, and courtroom defensibility
- Q&A and workflow discussion specific to NYSTARS members