



4215 Campus Drive
Aurora, IL 60504

STEVEN J. SMITH
SENIOR TECHNOLOGIST

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Mr. Smith has a Bachelor's Degree in Graphic Design and Illustration from Northern Illinois University.

During the past 31 years with ESI, Mr. Smith has developed his skills in computer software for graphics and animation including AutoCAD, CorelDraw, MS Publisher, Adobe Photoshop, 3D StudioMax, DS Solidworks,

He is proficient in the use of the FARO Focus 3D laser scanner and the Nikon NPR Total Station System, along with post processing software including FARO Scene, Point Tools Edit Pro TDS Survey Pro, TDS Foresight, and 3D Field survey software. Bentley Context Capture and Reality Capture. He has implemented this technology for use in site surveys and other areas of measurement and documentation of evidence.

He is a certified FARO instructor for the 3D laser scanning certification program.

Mr. Smith also holds an FAA Part 107 sUAS (Small Unmanned Aerial System) license to operate a drone for commercial purposes. He has done numerous aerial photo surveys with the DJI Phantom 4 owned by the ESI Aurora, IL location.

He has been a private pilot for 30 years and has over 2000 hours of flying time in 22 different aircraft types. He also served as the airport manager for a private airport in the Chicago suburbs for over 4 years. He is a member of AOPA and EAA.

Presentations

Drones in the heartland Conference, Heartland College, Bloomington, IL October 2019
sUAS Aerial Surveying with Ground Control Points for GPS Error Correction

AIA Northeast IL Chapter, Aurora, Illinois, March 2017

FARO Focus 3D laser Scanning and Data Post Processing, Unmanned Aerial Systems operations and Aerial Photo Surveying

Greater Peoria Claims Association (GPCA), Peoria, Illinois, October 2013
FARO Focus 3D Laser Scanning, FARO Arm Scanning, and Data Post-processing

Valley Industrial Association, Aurora, Illinois, September 2013
FARO Focus 3D Laser Scanning, FARO Arm Scanning, and Data Post-processing

Chicago Rail Superintendents Association (CRSA), Aurora, Illinois, September 2013
FARO Focus 3D Laser Scanning, FARO Arm Scanning, and Data Post-processing

Montana Rail Link Railroad Liability Seminar, Coeur D'Alene, Idaho, August 2013
FARO Focus 3D Laser Scanning, Surveying, and Data Post-processing

Midwest Claims Railroad Conference, Bloomington, Minnesota, April 2013
FARO Focus 3D Laser Scanning and Data Post-processing

January 2022