

# Overview of Carlson's Point Cloud Manipulation Programs

## A Virtual Webinar Using Carlson Software – Learn to Manipulate Point Clouds

This recorded presentation by That CAD Girl provides a comprehensive overview of Carlson Civil Suite 2020, including Survey, Civil, Hydrology, and GIS modules. It covers licensing, compatibility with AutoCAD and IntelliCAD, data management, field-to-finish workflows, surface modeling, road design, and hydrology tools for civil engineering and surveying professionals.

### Key Topics:

- Carlson Software overview and company background
- Licensing, maintenance, and installation options
- IntelliCAD vs. AutoCAD platform compatibility
- Field-to-Finish and surface modeling workflows
- Civil design tools: centerlines, profiles, grading, road networks
- GIS integration and imagery import
- Hydrology and sewer network design

Descriptions, transcripts and other details of this recording have been AI-generated and may contain errors.

This session was presented by Steve Cummings, Tyler Faulkner, Gavin Franklyne, Gordon Pollock, Julian Ruiseco, on 10/08/2020.

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# Overview of Carlson Point Clouds Using PhotoCapture

## A Virtual Webinar Using Carlson Software – Learn to Process Drone and LiDAR Data

This webinar provides a detailed demonstration of Carlson Photo Capture and Carlson Point Cloud software, showcasing how drone imagery and LiDAR data can be processed into accurate 3D surfaces for site design. The session covers workflows, pricing models, and integration with Carlson Precision 3D and hydrology tools.

### Key Topics:

- Carlson Photo Capture setup and workflow
- Carlson Point Cloud processing and editing tools
- Integration with Precision 3D and hydrology modeling
- Kentucky LIDAR data access and usage
- Surface creation, breaklines, and stormwater design

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*This session was presented by Steve Cummings on 05/20/2021.*