

MicroSurvey Surfacing Operations with MSCAD

A Virtual Webinar Using MicroSurvey – Learn to Create Terrain Models

This webinar, hosted by That CAD Girl and presented by MicroSurvey's Matt McLean, provides a detailed walkthrough of surfacing and contouring operations in MicroSurvey CAD. Attendees learned how to create, configure, and visualize surfaces, contours, and terrain models using real-world data.

Key Topics:

- Introduction to MicroSurvey CAD and product ecosystem
- Creating and managing surfaces and contours
- Configuration settings for modeling and visualization
- Handling boundaries, breaklines, and point data
- Labeling and smoothing contours

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This session was presented by Matt McLean on 05/22/2025.

That CAD Girl

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MicroSurvey STARNET Least Squares Analysis

A Virtual Webinar Using MicroSurvey STAR*NET – Learn to Perform Least Squares Analysis

This webinar, hosted by That CAD Girl and presented by MicroSurvey's James Johnston, provides a comprehensive walkthrough of STAR*NET analysis – a leading least squares adjustment software for survey data. The session covers data import, adjustment workflows, error detection, and integration of GPS and conventional survey data for accurate network analysis.

Key Topics:

- Overview of MicroSurvey's product suite

- Introduction to STAR*NET least squares adjustment
- Data import and conversion workflows
- Error detection, residual analysis, and Chi-square testing
- Integration of GPS and conventional survey data
- Output options and reporting tools

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This session was presented by James Johnston on 04/15/2025.

Construction Workflows Drawing Cleanup and Point Population Tools

A Virtual Webinar Using MicroSurvey – Learn to Streamline Construction Workflows

This webinar, hosted by That CAD Girl and presented by MicroSurvey Software's James Johnston, explored efficient construction workflows using MicroSurvey CAD tools. The session demonstrated drawing cleanup, point population, and export techniques to streamline field layout and stakeout processes.

Key Topics:

- Drawing cleanup and rescale wizards
- Point population and management tools
- Exporting CAD and point data for field stakeout

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This session was presented by James Johnston on 06/19/2025.

MicroSurvey AutoMap Field to Finish

A Virtual Webinar Using MicroSurvey – Learn to Automate Survey Data Processing

This webinar, hosted by That CAD Girl and presented by MicroSurvey's James Johnston, provides an in-depth walkthrough of AutoMap–MicroSurvey's field-to-finish system. It demonstrates how AutoMap automates CAD standards, linework generation, and symbol management to streamline survey data processing from field collection to final drawings.

Key Topics:

- Overview of MicroSurvey's product portfolio and CAD integrations
- AutoMap setup and configuration for field-to-finish workflows
- Field data import methods (FieldGenius, Captivate, ASCII, etc.)
- Customizing symbols, layers, and plotted descriptions
- Managing 2D/3D linework and smart line connectivity

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This session was presented by James Johnston on 05/27/2025.

Making Models from a Mess – Using Carlson Cleanup and Elevate Tools

A Virtual Webinar Using Carlson Software – Learn to Clean Up CAD Drawings

This webinar teaches Carlson Civil users how to transform messy, imported CAD drawings into clean, usable models for staking and surface creation, with their cleanup tools. It covers practical workflows using Carlson's Drawing Cleanup and Elevate Tools to fix geometry, layers, and elevations for accurate 3D modeling.

Key Topics:

- Cleaning and organizing messy DWG files
- Using Carlson Drawing Cleanup effectively
- Elevating 2D polylines to 3D for surface models
- Managing layers, blocks, and spot elevations
- Avoiding common pitfalls and data corruption

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This session was presented by Jennifer DiBona on 01/28/2025.

Intro to Carlson – Settings, Setup, Configuration and Points

A Virtual Webinar Using Carlson Software – Learn to Configure Settings and Points

This webinar introduces users to Carlson Software's settings, configuration tools, and point management workflow webinar. It

covers interface setup, project folder organization, drawing templates, and best practices for maintaining consistent configurations across projects.

Key Topics:

- Carlson user interface setup and customization
- Carlson Configure and default settings management
- Project folder structures and data organization
- Drawing templates and National CAD Standards
- Point import, display, and text style configuration

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This session was presented by Jennifer DiBona on 06/03/2025.

Intro to Carlson – Settings, Setup, Configuration & Points

A Virtual Webinar Using Carlson Software – Learn to Configure

Settings and Points

This Carlson settings, setup, configuration and points webinar virtual class helps users create consistent project workflows through interface setup, templates, folder organization, and point management. It covers interface setup, project folder organization, drawing templates, and best practices for maintaining consistent configurations across projects.

Key Topics:

- Carlson user interface setup and customization
- Carlson Configure and default settings management
- Project folder structures and data organization
- Drawing templates and National CAD Standards
- Point import, display, and text style configuration

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This session was presented by Jennifer DiBona on 03/11/2025.

Intro to Carlson- Settings Setup Configuration and Points

A Virtual Webinar Using Carlson Software – Learn to Configure Settings and Points

This Carlson settings setup, configuration and point management webinar virtual class helps new users organize settings, templates, data folders, and point management for more efficient CAD project management workflows in Carlson 2025 with IntelliCAD 12.1. The session covered interface navigation, default settings, data folder organization, configuration backups, and template creation for efficient CAD project management.

Key Topics:

- Carlson 2025 interface overview and configuration
- Managing settings, data folders, and project organization
- Creating and customizing drawing templates
- Importing and displaying points from coordinate files
- Understanding builds, patches, and support resources

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This session was presented by Jennifer DiBona on 02/04/2025.

Introduction to Carlson Software – Settings Setup Configuration & Points

A Virtual Webinar Using Carlson Software – Learn to Configure Settings and Points

This introductory Carlson Software webinar, hosted by That CAD Girl, walks new and returning users through essential setup and configuration steps for Carlson 2025 with IntelliCAD 12.1. The session covers interface customization, data folder organization, configuration management, and point handling to help users optimize their CAD environment.

Key Topics:

- Carlson Software 2025 interface and configuration
- Managing data folders, templates, and settings
- Working with points, CRD files, and drawing templates

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This session was presented by Jennifer DiBona on 01/15/2025.

Elevating Polylines and Surface Modeling with Carlson Construction and Takeoff

A Virtual Webinar Using Carlson Software – Learn to Build Surface Models

This webinar demonstrates how to elevate 2D polylines into 3D polylines and perform surface modeling using Carlson Construction and Takeoff. Jennifer DiBona walks through practical workflows for cleaning drawings, assigning elevations, building surfaces, and calculating volumes for construction and land development projects.

Key Topics:

- Elevating 2D polylines to 3D for surface modeling
- Using Carlson Civil, Construction, and Takeoff tools
- Drawing cleanup and contour elevation assignment
- Building and analyzing surfaces with SiteNet
- Calculating volumes, materials, and topsoil replacement

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This session was presented by Jennifer DiBona on 03/18/2025.