

2022 Virtual Workshops 3-2 – Carlson Software Showcase Field Software Round Table Recorded 11/29/2022

This 2022 Carlson Virtual Workshop session introduced major updates to Carlson's field software, including new least-squares analysis tools, enhanced reporting, and BIM integration for SurvPC Version 7. Presenters demonstrated real-world workflows for boundary surveys, redundancy checks, and BIM-based stakeout, followed by live Q&A and support tips.

Key Topics:

- SurvPC 7.0 new features and redundancy tools
- Field least-squares analysis and reporting
- BIM model visualization and stakeout
- Web map overlays and NGS benchmark queries
- Carlson Cloud for field-to-office file transfer

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

This session was presented by Jennifer DiBona on 11/29/2022.

2022 Virtual Workshops 3-1

Carlson Software Showcase

Overview of Carlson

Recorded 11/29/2022

This Carlson Software virtual workshop, led by Scott Griffin, introduced users to new and existing features in Carlson 2023, including Drawing Cleanup, Field to Finish utilities, CADnet, and BIM integration. The session emphasized workflow efficiency, data cleanup, and 3D modeling enhancements for surveyors, engineers, and CAD professionals.

Key Topics:

- Drawing Cleanup and CAD file optimization
- Field to Finish updates and symbol management
- CADnet tools for PDF and BIM integration
- Wall Polyline Profile Editor and 3D modeling
- Subdivision layout automation and reporting

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This session was presented by Scott Griffin on 11/29/2022.

2022 Virtual Workshops 1-3 – Introduction to CAD

Recorded 11/15/2022

This virtual workshop session from That CAD Girl's 2022 series provides an in-depth tutorial on CAD line types, line-type scales, and paper-space layout management in Carlson and IntelliCAD. Attendees learned how to create, edit, and manage custom line types, control scaling across model and paper space, and use viewports effectively for plotting.

Key Topics:

- Creating and editing custom line types (.LIN files)
- Managing line-type scales (LTscale, PSLTscale, Plinegen)
- Using paper space, layouts, and viewports
- Handling text orientation and rotation flags
- Managing layers and visibility across multiple viewports
- Carlson-specific tools and troubleshooting

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This session was presented by Jennifer DiBona on 11/15/2022.

2022 Virtual Workshops 1-2, Introduction to CAD Recorded 11/15/2022

This virtual CAD workshop session covers foundational and intermediate concepts in IntelliCAD and AutoCAD, focusing on layers, properties, symbols, dimension styles, and drawing templates. Par

Participants learned how to manage visibility, organize drawings, create reusable blocks, and apply national CAD standards for consistent project setup.

Key Topics:

- Layer management and visibility control
- Properties toolbar and entity editing
- Symbols, blocks, and WBLOCK creation
- Dimension styles and scaling
- National CAD Standards and template setup

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This session was presented by Jennifer DiBona on 11/15/2022.

2022 Virtual Workshops 2-3 – Introduction to Carlson Recorded 11/17/2022

This session from the 2022 Carlson Virtual Workshops provides a detailed, walkthrough of Carlson Survey tools, including symbol insertion, field-to-finish workflows, surface creation, GIS imagery, annotation, legends, title blocks, and plotting. Participants learn practical CAD techniques for producing professional survey drawings and managing multi-sheet plan sets efficiently.

Key Topics:

- Carlson Survey commands and workflows
- Field-to-Finish, surfaces, and contour generation
- GIS imagery integration and plotting automation

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This session was presented by Jennifer DiBona on 11/17/2022.

2022 Virtual Workshops 2-2 – Introduction to Carlson Recorded 11/17/2022

This virtual training session introduces participants to Carlson Software's CAD tools, focusing on annotation settings, drawing templates, point management, and survey project workflows. Instructor Jennifer DiBona demonstrates practical commands and configuration strategies to standardize drafting and survey processes within Carlson.

Key Topics:

- Auto Annotate, Scalers, and Annotation Defaults
- Drawing Templates and Layer Libraries
- Importing and Managing Points (CRD files)
- Deed Entry, Translation, and Correlation Tools
- Survey Project Workflow and Best Practices

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This session was presented by Jennifer DiBona on 11/17/2022.

2022 Virtual Workshops 2-1 – Introduction to Carlson Recorded 11/17/2022

This virtual workshop introduces participants to Carlson Software 2023, focusing on setup, configuration, and best practices for new users. The session covers installation, interface customization, project folder organization, and annotation standards within Carlson Survey and IntelliCAD environments.

Key Topics:

- Carlson 2023 installation and version updates
- Interface setup and configuration (menus, ribbons, toolbars)
- Managing projects, data folders, and settings
- Understanding Carlson vs. CAD commands
- Annotation, text scaling, and drawing setup

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This session was presented by Jennifer DiBona on 11/17/2022.

The Power of Tool Palettes

A Virtual Webinar Using CAD Software – Learn Tool Palette Automation

This webinar, *The Power of Tool Palettes*, led by Travis Maxwell and hosted by That CAD Girl, explores how CAD professionals can use tool palettes to standardize drafting practices, automate repetitive tasks, and improve team consistency. The session covers setup strategies, macro scripting, and sharing palettes across teams for efficient project workflows.

Key Topics:

- Setting up and managing tool palettes
- Using macros and scripts for automation
- Maintaining CAD standards and consistency across teams
- Sharing and exporting palettes for office-wide use

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This session was presented by Travis Maxwell on 08/30/2023.

The Ultimate Project Template

A Virtual Webinar Using Carlson Software – Build Project Templates and Standards

This webinar, hosted by That CAD Girl and led by trainer Travis Maxwell, provides a comprehensive walkthrough of creating and managing an “Ultimate Project Template” in Carlson and IntelliCAD. It covers CAD standards, template setup, line type scaling, paper space vs. model space, and advanced sheet management for survey and civil projects.

Key Topics:

- Setting up and customizing Carlson/IntelliCAD templates
- Understanding LT Scale, PSLT Scale, and MSLT Scale
- Paper space vs. model space best practices
- Viewports, legends, and line type scaling
- Civil vs. survey template differences
- Sheet sets, plotting, and CAD standards management

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This session was presented by Travis Maxwell on 02/15/2023.

2023 Virtual Workshop – Session #4-4 Recorded 12/06/2023

This virtual Carlson Software workshop demonstrates advanced SiteNet workflows for calculating material and dirt quantities, managing topsoil removal and replacement, and performing drawing cleanup and 2D-to-3D data conversion. The session provides practical guidance for preparing accurate takeoff models and cleaning complex CAD drawings for construction and civil design.

Key Topics:

- Carlson SiteNet volume and material reports
- Topsoil removal and replacement setup
- Surface Inspector and Surface Tools
- 2D-to-3D Polyline conversion methods
- Drawing Cleanup and Layer Management
- LandXML export and machine control files

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This session was presented by Jennifer DiBona on 12/06/2023.