Customizing Menus & Toolbars

A Virtual Webinar Using CAD – Learn to Customize Menus, Toolbars and Workspaces

This webinar, led by Travis Maxwell and hosted by That CAD Girl, provides an in-depth walkthrough of how to customize menus, toolbars, workspaces and settings in Carlson Software. It covers practical steps for saving configurations, managing tool palettes and optimizing the user interface for efficiency.

Although Carlson Software with IntelliCAD was used in this session and a few Carlson-specific commands are shown, the workflows are by and large the same for all AutoCAD or IntelliCAD based programs, and other programs will likely have their own version of those Carlson commands.

Key Topics:

- Customizing toolbars, menus and workspaces in Carlson
- Using the CUI (Custom User Interface) command
- Managing tool palettes and saving configuration files
- Layer management and workspace recovery
- Tips for efficient CAD setup and troubleshooting

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

This session was presented by Travis Maxwell on 05/11/2022.

Best Practices for Network Solutions with Carlson’s GNSS RTK Systems

A Virtual Webinar Using Carlson SurvNET – Learn Best Practices for GNSS RTK Networks

This webinar led by Carlson Software’s Doug Aaberg covers best practices for using GNSS and RTK systems in surveying workflows. It focuses on establishing accurate control networks, integrating GPS and EDM data and performing least-squares adjustments using Carlson SurvNET.

Key Topics:

- GNSS/RTK field procedures and accuracy considerations
- Establishing and verifying control networks
- Using Carlson SurvNET for traverse adjustment and network analysis
- Managing standard errors, redundancy and blunder detection
- Generating ALTA/NSPS relative positional accuracy (RPA) reports

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

This session was presented by Doug Aaberg on 01/27/2022.

Basics of Annotation in Carlson Software

A Virtual Webinar Using Carlson Software – Learn Annotation Scaling Best Practices

This webinar introduces the fundamentals of annotation in Carlson Software, covering text styles, scaling, labeling and configuration best practices. Attendees learn how to manage annotation consistency across drawings, use Auto Annotate and customize text styles for professional, readable plans.

Key Topics:

- Text styles and fonts in IntelliCAD and AutoCAD
- Drawing setup and annotation scaling
- Auto Annotate for bearings, distances and line/curve tables
- Object linking and label updates
- Managing point labels and templates

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

This session was presented by Jennifer DiBona on 02/11/2022.

Annotation for Surveyors

A Virtual Webinar Using Carlson Software – Learn Survey Annotation Tools

This webinar, Annotation for Surveyors, presented by Carlson Software's Doug Aaberg, provides a detailed walkthrough of annotation tools and best practices in Carlson Survey. The session covers area labeling, bearings and distances, curve annotation and automation techniques for efficient survey drafting.

Key Topics:

- Annotation defaults and settings in Carlson Survey
- Labeling lot and easement areas
- Bearing, distance and curve labels
- Auto Annotate with saved annotation settings files
- Line and curve tables versus labels on the plan

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This session was presented by Doug Aaberg on 03/24/2022.

All About Coordinates in Carlson Software

A Virtual Webinar Using Carlson Software – Learn Coordinate System Fundamentals

This webinar, hosted by That CAD Girl and presented by Carlson Software's Doug Aaberg, explores the fundamentals of coordinate systems used in surveying and CAD workflows. It covers ellipsoids, geoids, datums and scale factors along with Carlson tools for managing grid-to-ground conversions and projections.

Key Topics:

- Coordinate system fundamentals (ellipsoid, geoid, state plane, grid vs. ground)
- Scale factors and combined scale factor calculations
- Carlson Software tools for coordinate management and projection setup
- Upcoming datum and unit changes (NAD 2022, low-distortion projections, U.S. survey foot retirement)
- Practical applications for surveyors using GPS, RTK and CAD integration

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This session was presented by Doug Aaberg on 09/08/2022.

Introduction to Carlson Software – Settings, Setup, Configuration & Points

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

This webinar introduces new and returning users to Carlson Software, focusing on initial setup, configuration and point management. It covers interface navigation, project folder organization, default settings and template creation for efficient CAD workflows.

Key Topics:

- Carlson Software interface and configuration
- Managing project and data folders
- Setting up drawing defaults and templates
- Importing and displaying survey points
- Understanding data vs. settings files

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

This session was presented by Jennifer DiBona on 01/04/2022.

Stormwater Spread Calculations using Storm Networks

A Virtual Webinar Using Carlson Hydrology – Calculate Stormwater Spread with Storm Networks

This webinar explains how Carlson users can calculate stormwater spread in Storm Networks by understanding gutter spread, inlet capture, sag conditions and bypass flow. Travis Maxwell demonstrates practical setup choices for inlet libraries, watershed delineation, centerline-based inlet placement, drainage settings and reports so designers can review spread results more confidently.

Key Topics:

- Stormwater spread and inlet capture fundamentals
- Carlson inlet library setup for grade and sag conditions
- Gutter depression, curb openings and combination inlets
- Watershed delineation and surface preparation
- Bypass routing, reporting and network verification

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This session was presented by Travis Maxwell on 03/15/2023.

Surfaces and Breaklines – the Basics

A Virtual Webinar Using Carlson Software – Learn Surfaces and Breaklines Basics

This webinar provides a step-by-step introduction to creating and refining surface models in Carlson Software. It covers Essential workflows for checking elevations, defining boundaries, using breaklines and merging terrain data from multiple sources.

Key Topics:

- Surface modeling fundamentals in Carlson Survey and Civil
- Using breaklines and shrink-wrap boundaries
- Field-to-Finish automation and non-surface point managemen t
- Importing and merging Google Earth and NED elevation data

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This session was presented by Jennifer DiBona on 02/16/2023.

Survey Project from Field to Plotted Sheet

A Virtual Webinar Using Carlson Survey – Create a Plotted Survey Sheet

This webinar demonstrates how to take a survey project from raw field data to a finished plotted sheet using Carlson Survey 2023. The session covers importing points, configuring settings, creating boundaries, aligning deed data, building surfaces and producing final annotated drawings.

Key Topics:

- Carlson Survey 2023 workflow setup
- Importing and managing point files (control, topo)
- Deed entry, alignment and correlation
- Field-to-Finish automation
- Surface creation, contouring and plotting

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

This session was presented by Jennifer DiBona on 09/14/2023.

The Power of Tool Palettes

A Virtual Webinar Using CAD Software – Learn Tool Palette Automation

This webinar, presented 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 using a standards drawing as the palette source, building buttons with macros and scripts and sharing palettes across teams for efficient project workflows.

Although Carlson Software with IntelliCAD was used in this session and a few Carlson-specific commands are shown, the workflows are by and large the same for all AutoCAD or IntelliCAD based programs, and other programs will likely have their own version of those Carlson commands.

Key Topics:

- Using a shared standards drawing as the tool palette source
- Turning multileader notes into blocks for standard callouts
- Single-line macros, LISP and script files on palette buttons
- Line tools that set layer, linetype and scale
- Recorded settings and hyperlinks to design standards
- Organizing, exporting and sharing palette groups

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

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