

Introduction to Carlson Software – Settings Setup Configuration & Points Recorded 8/8/2022

This introductory webinar provides new Carlson Software users with a step-by-step walkthrough of essential setup procedures, including drawing configuration, coordinate systems, project folders, and point management. Presenter Travis Maxwell demonstrates how to configure Carlson Civil or Survey for optimal performance and accuracy in CAD-based workflows.

Key Topics:

- Carlson Software setup and configuration
- Coordinate systems and projection settings
- Managing project folders and coordinate files
- Importing and drawing survey points
- Using symbols, layers, and blocks effectively

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

This session was presented by Travis Maxwell on 08/08/2022.

Introduction to Carlson Software – Settings Setup Configuration & Points

Recorded on 7/6/2022

This webinar introduces new and intermediate users to Carlson Software's setup, configuration, and CAD environment, focusing on IntelliCAD and AutoCAD integration. Presenter Travis Maxwell demonstrates essential CAD commands, configuration settings, and best practices for managing points, layers, fonts, and drawing standards.

Key Topics:

- CAD command shortcuts and configuration
- IntelliCAD vs. AutoCAD performance and compatibility
- Carlson drawing setup, coordinate systems, and project data management
- Font and text style issues between platforms
- Importing Civil 3D data and converting surfaces

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This session was presented by Travis Maxwell on 07/06/2022.

Introduction to Carlson Software – Settings Setup Configuration & Points Recorded 4/8/2022

This introductory Carlson Software webinar, led by Travis Maxwell and hosted by Jennifer DiBona, walks new users through essential setup steps, configuration settings, and point management in Carlson Survey and Civil Suite. The session covers environment setup, coordinate systems, drawing configuration, and best practices for managing data and point files.

Key Topics:

- Carlson Software environment and toolbar setup
- Drawing and coordinate system configuration
- Project folder management and data paths
- Carlson Configure settings and INI files
- Importing and managing survey points

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This session was presented by Doug Aaberg on 04/08/2022.

Introduction to Carlson Software – Settings Setup Configuration & Points Recorded on 2/2/2022

This document appears to be an introductory training or instructional file related to Carlson Software, focusing on setting up configuration points and initial setup parameters. It likely serves as a guide for new users to properly configure project settings and establish baseline data for CAD and surveying workflows.

Key Topics:

- Carlson Software introduction
- Configuration and setup procedures
- Point management and data setup

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

Introduction to Carlson

Software – Settings Setup Configuration & Points Recorded 3/10/2022

This webinar provides a detailed introduction to Carlson Software's configuration, setup, and point management tools. It covers user interface customization, project folder organization, default settings, and template creation for efficient CAD workflows.

Key Topics:

- Carlson Software interface and menu structure
- Default settings and configuration management
- Project and data folder setup methods
- Drawing templates and text style customization
- File types and object linking

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This session was presented by Jennifer DiBona on 03/10/2022

2022 Virtual Workshops 6-5 –

Tips & Tricks and Management of Project Data

Recorded 12/13/2022

In the final session of That CAD Girl's 2022 Virtual Workshop series, Travis demonstrated advanced CAD project management workflows using tables, custom fields, and sheet sets. The session also covered Civil 3D conversions, LIDAR data handling, grading, watershed analysis, and integration with HEC-RAS for hydrology modeling.

Key Topics:

- Automating project data with tables and custom fields
- Using Sheet Set Manager for large projects
- Civil 3D file conversion and XREF management
- LIDAR data processing and surface creation
- Watershed analysis and drainage modeling
- HEC-RAS integration for hydraulic design
- Grading and pad design enhancements

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This session was presented by Travis Maxwell on 12/13/2022.

How to Create the Ultimate

Drawing Template and Get the Most Out of It

Recorded on 2/15/2022

This webinar from That CAD Girl and Carlson Software expert Travis Maxwell walks users through building a clean, efficient, and scalable CAD drawing template in IntelliCAD/Carlson. Topics include cleaning files, managing layers, fonts, line types, title blocks, plotting standards, and using sheet sets for multi-sheet projects.

Key Topics:

- Creating and maintaining clean template files
- Managing layers, line types, and fonts
- Setting up title blocks, attributes, and fields
- Plot styles, CTB management, and publishing PDFs
- Using sheet sets for multi-sheet management

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This session was presented by Travis Maxwell on 02/15/2022.

2022 Virtual Workshops 6-4 Live Design_New Techniques for Better Project Design with Carlson Civil Recorded 12/13/2022

This virtual workshop session features civil engineer Bill Dennis demonstrating a streamlined field-to-office GIS and CAD workflow using Carlson Software. The presentation covers integrating GPS data, GIS mapping, and CAD design to improve efficiency in large-scale land development projects.

Key Topics:

- Field-to-office GIS and CAD integration
- GPS-based conceptual design workflows
- Carlson Software tools for civil engineering
- Data export/import between CAD, GIS, and mobile devices
- Real-world project demonstration

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This session was presented by Bill Dennis of Civil Design Team LLC of Greer on 12/13/2022.

2022 Virtual Workshops 6-3 – Fire Flow Analysis Case Study Recorded 12/13/2022

This Carlson Software virtual workshop session, led by Travis Maxwell, demonstrates how to model waterline extensions and perform fire flow and hydrostatic pressure analysis using Carlson's Pressure Pipe Network tools. The presentation covers setup, data input, hydraulic grade line calculations, and integration with EPA Net for validation.

Key Topics:

- Pressure Pipe Network setup and configuration
- Fire flow and hydrostatic pressure testing
- Hydraulic grade line (HGL) and PSI-to-head conversions
- Integration with EPA Net for model verification
- Managing pipe crossings, profiles, and demand nodes

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This session was presented by Travis Maxwell on 12/13/2022.

2022 Virtual Workshops 6-2 – Pervious Paver Parking Lot

Design

Recorded 12/13/2022

This virtual workshop showcased a real-world case study on designing a permeable paver stormwater system using Carlson HydroNet. Engineers from Finch & Associates demonstrated how to model complex drainage networks, link watershed areas, and simulate stormwater detention using Carlson's 2022–2023 hydrology tools.

Key Topics:

- Permeable paver stormwater design
- Carlson HydroNet modeling and routing
- Stormwater detention and drainage analysis
- Project case study: Veterinary hospital expansion in Knightdale, NC

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This session was presented by Finch & Associates from Raleigh, NC on 12/07/2022.