Intro to Carlson Software: Settings, Setup, Configuration & Points

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

This webinar from That CAD Girl provides an introductory walkthrough of Carlson Software setup, foundational configuration and default behaviors across its surveying and civil design tools. It covers installation, folder organization, default settings, drawing setup and point management for new and intermediate users.

Key Topics:

- Carlson Software setup and configuration
- Technical support and build updates
- Project data folder methods
- Default settings under Carlson Configure
- Drawing setup, scales and annotation sizing
- Point management and display customization

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 06/05/2018.

Drawing Templates and Overview of National CAD Standards (NCS) for Layers

A Virtual Webinar Using CAD – Learn to Build NCS Drawing Templates

This webinar provides a comprehensive overview of how to use drawing templates in Carlson Software and apply the National CAD Standard (NCS) for layers. It explains the structure of NCS layer naming, its flexibility and how to integrate it into Carlson workflows for civil and survey projects.

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:

- National CAD Standard (NCS) layer naming structure
- Discipline designators, major groups and minor groups
- Where Carlson stores its DWT template files
- Creating a company DWT template from an NCS template
- Using Carlson Layer Library to apply standard layers
- Matching non-standard drawings to your layer standard

Descriptions, transcripts and other details of this recording

have been AI-generated and may contain errors.

This session was presented by Jennifer DiBona on 11/27/2018.

Linetypes, Lineweights and CTB files

A Virtual Webinar Using CAD – Learn to Standardize Linetypes, Lineweights and Dimension Styles

This webinar teaches CAD and Carlson users how to standardize templates, control linetypes, lineweights and dimension styles for consistent drafting in any project. Viewers learn practical techniques for managing LTScale, PLineGen, PSLTScale, creating custom line types and setting up CTB plot styles and dimension scales.

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:

- Line types and scaling (LTScale, PLineGen, PSLTScale)
- Managing lineweights and CTB plot styles
- Creating and editing custom line types (.LIN files)

- Building templates (.DWT) for company-wide standardization
- Setting up scalable and consistent dimension styles

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This session was presented by Jennifer DiBona on 10/14/2019.

More Surfaces, Volumes, Editing & Display Tips & Tricks

A Virtual Webinar Using Carlson Software – Learn to Improve Surface Volume Workflows

This webinar explores advanced tools and workflows in Carlson Software, focusing on surface modeling, editing, volume calculations and display customization. It illustrates powerful methods for merging TIN files, performing topsoil stripping, daylight design and visual surface inspections for practical civil and survey applications.

Key Topics:

- Surface modeling and TIN file management
- Merging TIN files
- Surface editing tools

- Volume calculation and balancing techniques
- Topsoil stripping and daylight design
- Visualization and analysis tools (3D Viewer, Surface Inspector, Cut/Fill maps)

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

This session was presented by Jennifer DiBona on 09/23/2019.

Plan & Profile Sheet Production with Carlson Software

A Virtual Webinar Using Carlson Software – Learn Plan and Profile Sheet Production

This instructional webinar offers an introductory walkthrough of plan and profile sheet production in Carlson Software. It demonstrates how to create horizontal and vertical alignments, visualize profiles,

establish labeling standards and automatically generate plan and profile drawing sheets using Carlson’s built-in tools.

Key Topics:

- Creating and editing centerline and profile data
- Drawing and labeling profiles (existing vs. proposed ground)
- Using profile settings, grids, scales and CAD layer standards
- Generating plan/profile sheets and attribute-driven title blocks
- Customization with National CAD Standards (NCS) 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 09/23/2019.

Survey Project From Start to Finish

A Virtual Webinar Using Carlson Software – Learn to Take Survey Projects from Field to Plotted Sheet

This training webinar from That CAD Girl demonstrates how to process a survey project in Carlson Software from raw field data to a fully annotated and plotted drawing. Participants learn best practices for point import, deed entry, data correlation, field-to-finish automation and preparation for plotting or publishing.

Key Topics:

- Importing and managing points and coordinate files (CRD)
- Entering and editing deeds using Carlson Survey
- Deed correlation and alignment with field data
- Field-to-Finish setup and drawing generation
- Annotation, labeling and plotting workflows

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

This session was presented by Jennifer DiBona on 04/10/2019.

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

A Virtual Webinar Using Carlson Software – Learn Settings, Setup, Configuration and Points

This webinar introduces new users to Carlson Software, focusing on key setup topics such as system configuration, file structure management, default settings and point handling. The session walks participants through configuring the software environment, importing data, managing projects and customizing display settings for optimized CAD workflows.

Key Topics:

- Carlson Software user interface and controls
- Settings and configuration management (CFG files)
- Project and data folder structures
- Drawing setup and scale management
- Point import, defaults and annotation customization

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

This session was presented by Jennifer DiBona on 04/02/2019.

Working with Blocks and Creating Custom Title Blocks

A Virtual Webinar Using CAD – Learn to Create Blocks and Custom Title Blocks

This webinar demonstrates best practices for building and using CAD blocks—including symbol creation, layer management and attribute-driven title blocks—within Carlson 2020, IntelliCAD® and AutoCAD®. Participants learn how to set up flexible, reusable drawing components and automate title information in company templates.

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:

- Creating blocks and symbols on layer 0
- Keeping or overriding layers inside blocks
- Defining attributes for title block information
- Editing attributes in IntelliCAD and AutoCAD (BATTMAN)
- Building a custom title block for company templates

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This session was presented by Jennifer DiBona on 08/19/2019.

Overview of Carlson GIS

A Virtual Webinar Using Carlson Software – Learn to Use GIS Mapping Tools

This webinar provides an in-depth overview of Carlson GIS, demonstrating how to import, manage and visualize shapefiles and database data in CAD. The session shows practical examples including importing municipal shapefiles, creating GIS databases from CAD drawings and Excel files and using imagery services within Carlson GIS.

Key Topics:

- Introduction to Carlson GIS structure and shapefile components
- Importing and linking GIS data (SHP, SHX, DBF files)
- Creating and managing Carlson GIS databases (MDB files)
- Utilizing GIS tools: Inspector, Query Builder, Labeling and Legends
- Incorporating ESRI and Google imagery layers

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

This session was presented by Jennifer DiBona on 03/26/2019.

Surfaces and Breaklines – the Basics

A Virtual Webinar Using Carlson Software – Learn to Build Surfaces with Breaklines and Merge NED Data

This instructional webinar explains the essential concepts of building surface models and defining breaklines in Carlson Software. Participants learn how to triangulate points, integrate 3D polylines, merge elevation datasets and identify common pitfalls when constructing or sharing terrain surfaces.

Key Topics:

- Creating surfaces from points in Carlson Software
- Purpose and definition of breaklines/fault lines
- Manual vs. Field-to-Finish creation of 3D polylines
- Merging TIN surfaces and importing National Elevation Data set (NED) data
- Problems using only contours versus comprehensive surface data

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This session was presented by Jennifer DiBona on 03/20/2019.