Surfaces and Breaklines – the Basics

A Virtual Webinar Using Carlson Software – Learn to Build Surfaces with Breaklines and Shrink Wrap Boundaries

This webinar introduces the fundamentals of creating and refining surface models in Carlson Software, focusing on how to use points, breaklines and surface-editing tools to produce accurate terrain models. It covers best practices for data preparation, triangulation, contour generation and integrating external elevation data for design and visualization.

Key Topics:

- Preparing point and linework data for surface modeling
- Using Shrink Wrap Entities and Non-Surface point flags
- Building TIN surfaces and contours with Triangulate and Contour
- Creating and editing 3D breaklines
- Importing and merging external elevation data (NASA & Google)
- Visualization tools (3D Viewer, Flyover, Image Draping)

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 02/09/2022.

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

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

This webinar introduces new Carlson Software users to setup, configuration and point management in Carlson on IntelliCAD. It covers the start page, ribbon and Carlson menus, checking builds and getting tech support, data and settings files, drawing and project folder methods, Carlson Configure, drawing templates and importing points with text styles that plot cleanly.

Key Topics:

- Start page, ribbon and Carlson Menus toolbar
- Checking the current build and contacting Carlson tech support
- Data files versus settings files (CRD, FLD and TIN)
- Drawing folder versus project folder setups in Carlson Configure
- Creating a company drawing template with linetypes and

text styles
- Importing points from a text file and fixing point text styles

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 02/02/2022.

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

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

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

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 03/10/2022.

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

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

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.

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 management
- Importing and merging Google Earth and NED elevation data

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

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

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.

Site Project Grading from Start to Finish

A Virtual Webinar Using Carlson Civil – Learn Site Project Grading

This webinar provides a complete walkthrough of grading a site project using Carlson Civil, from initial setup and data preparation to creating surfaces and calculating volumes. It demonstrates practical workflows for converting 2D linework into 3D models, managing elevation data and producing accurate grading surfaces for construction and design.

Key Topics:

- Initial setup and data preparation
- 2D to 3D polyline conversion methods
- Managing elevation data
- Building pad and curb grading techniques
- Surface modeling

- Volume calculations

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 10/18/2023.

Overview of Carlson Field to Finish

A Virtual Webinar Using Carlson Software – Learn Field to Finish Workflows

This webinar provides a detailed walkthrough of Carlson Software's Field to Finish feature, explaining how survey data collected in the field can be automatically processed into CAD drawings with appropriate layers, symbols and linework. Participants learn how to create and manage FLD files, field codes and special codes to streamline drafting and surface modeling.

Key Topics:

- Field to Finish concepts and workflow
- Creating and editing FLD files and field codes
- Managing layers, symbols and attribute layouts

- Using special codes for descriptions and linework
- Handling 2D vs 3D polylines and surface break lines

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This session was presented by Jennifer DiBona on 05/10/2023.

How does Today's IntelliCAD handle…?

A Virtual Webinar Using IntelliCAD – Learn to Work with Annotative Text, Multileaders and Dynamic Blocks

This webinar explores how modern IntelliCAD performs when running Carlson Software, comparing its current features to AutoCAD's and highlighting major improvements since earlier versions. It demonstrates annotative text, multi-leaders, dynamic block handling, X-ref editing and the Sheet Set Manager to help CAD professionals streamline drafting workflows.

Key Topics:

- Annotative text setup and scaling
- Multi-leaders and annotation tools
- Dynamic blocks and visibility parameters
- Block and X-reference editing in place
- Sheet Set Manager and title-block automation

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

This session was presented by Jennifer DiBona on 04/13/2023.