Overview of Carlson Field to Finish

A Virtual Webinar Using Carlson Software – Learn to Automate Field Data Drafting

This webinar provides a step-by-step introduction to Carlson Software's Field to Finish workflow, showing how to configure FLD files, process survey points and generate automatic linework and symbols. Attendees learn how to move from raw field data to a clean, layered drawing ready for mapping or surface modeling.

Key Topics:

- Introduction to Field to Finish concepts
- Comparison with Land Desktop / Civil 3D description keys
- Creating and editing FLD files
- Managing point layers, symbols and linework
- Using special codes and linework automation
- Handling 2D vs 3D polylines and breaklines

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 03/10/2021.

More Surfaces: Volumes, Editing & Display Tips & Tricks

A Virtual Webinar Using Carlson Software – Learn to Analyze Surface Volumes

This webinar, hosted by That CAD Girl, provides an in-depth walkthrough of Carlson Software's surface modeling tools, including creating, editing and analyzing surfaces, volumes and contours. Jennifer demonstrates practical workflows for managing TIN files, comparing surfaces and visualizing data in 3D for civil and survey applications.

Key Topics:

- Working with TIN files and surface visualization
- Creating and editing surfaces, contours and boundaries
- Volume calculations and cut/fill analysis
- Integrating GIS and elevation data
- Practical Carlson Civil and Survey tips

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This session was presented by Jennifer DiBona on 10/12/2021.

Making the Most of Carlson’s LotNet

A Virtual Webinar Using Carlson Software – Learn to Design Subdivisions

This webinar, hosted by That CAD Girl and presented by Doug Aaberg from Carlson Software, demonstrates practical ways to use Carlson LotNet for efficient lot layout and subdivision design. The session covers both simple and complex land division workflows with an emphasis on real-world applications and problem-solving within the software.

Key Topics:

- Introduction to Carlson LotNet and setup basics
- Creating and editing lot boundaries and right-of-way lines
- Automating lot subdivision and labeling
- Integrating road networks and cul-de-sacs
- Troubleshooting and real-world design challenges

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This session was presented by Doug Aaberg on 06/24/2021.

2020 Virtual Workshops Session #3-7: Sanitary Sewer Design in Carlson Hydrology

A Virtual Workshop Using Carlson Hydrology – Learn to Prepare watersheds and design storm drainage networks

This Carlson Software virtual workshop, led by hydrology expert Mark Long, provides an in-depth walkthrough of storm and sanitary sewer design using Carlson Hydrology tools. The session covers watershed setup, pipe network creation, stormwater management and integration with CAD surfaces for accurate drainage modeling.

Key Topics:

- Setting up watershed layers and runoff coefficients
- Designing storm sewer networks and detention ponds
- Creating and editing sanitary sewer systems
- Using Carlson Hydrology’s network, drainage and profile tools
- Managing surfaces, rainfall data and hydraulic grade lines

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This session was presented by Mark Long on 12/17/2020.

2020 Virtual Workshops Session #3-5: Tips & Tricks in CAD & Carlson Software

A Virtual Workshop Using Carlson CADnet – Learn to Speed up raster-plan work and routine cad drafting

This virtual workshop, led by That CAD Girl, covers practical CAD and Carlson Software tips and tricks for surveyors, engineers and CAD technicians. The session demonstrates workflows for merging raster images, using Field to Finish, managing polylines, cleaning drawings and creating reusable title block templates.

Key Topics:

- CADNet raster merging and image handling
- Field to Finish setup and automation
- Polyline editing and boundary creation
- Drawing cleanup, block management and title block templates
- Converting spot elevations to Carlson points
- Line type customization and text rotation

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ve been AI-generated and may contain errors.

This session was presented by Jennifer DiBona on 12/17/2020.

2020 Virtual Workshops Session #3-4: Carlson Point Cloud

A Virtual Workshop Using Carlson Point Cloud – Learn to Process Point Clouds into Surfaces

This bonus session from the 2020 Virtual Workshops focuses on Carlson Point Cloud software, demonstrating how to import, clean and process point cloud data to create usable terrain models. Steve Cummings and David Kraus walk through workflows, performance considerations and practical tips for handling large LIDAR datasets in Carlson Civil.

Key Topics:

- Importing and visualizing point clouds in Carlson Point Cloud
- Differences between Basic and Advanced versions
- Creating bare earth models and TIN surfaces
- Managing large datasets and optimizing performance
- Workflow for civil site studies using LIDAR and aerial data

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This session was presented by Steve Cummings and David Kraus on 12/17/2020.

2020 Virtual Workshops Session #3-3: Drawing Cleanup for Model Building and Construction Staking

A Virtual Workshop Using Carlson Software – Learn to Clean Drawings for Machine Control Models

This Carlson Software virtual workshop features Walt Liles demonstrating best practices for CAD drawing cleanup and model building using Carlson Software. The session covers file-size reduction, polyline management, layer organization and exporting coordinate data for field layout.

Key Topics:

- Carlson Software “Drawing Cleanup” tool and settings
- File-size optimization and layer management
- Converting entities to polylines and handling Civil 3D dat a

- Creating and exporting points (CRD files, TXT exports)
- Preparing 2D/3D linework for GPS and curb-machine models

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This session was presented by Walt Liles on 12/17/2020.

2020 Virtual Workshops Session #3-2: Customizing, Migrating and Sharing Settings in Carlson Software

A Virtual Workshop Using Carlson Software – Learn to Standardize CAD Settings Across Workstations

This Carlson Software virtual workshop, led by Doug Aaberg and hosted by Jennifer DiBona, focused on managing and standardizing CAD and Carlson settings across multiple platforms. The session demonstrated how to use Carlson’s Setting Server to synchronize templates, plot styles, fonts and configuration files company-wide.

Key Topics:

- Cross-platform CAD configuration (AutoCAD / IntelliCAD / C

arlson OEM)
- Centralized management of plot styles, fonts and templates
- Using Carlson Setting Server for company-wide consistency
- Creating and sharing CFG, FLD and DWT files
- Handling 2D vs 3D polylines and field-to-finish automation

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This session was presented by Doug Aaberg on 12/17/2020.

2020 Virtual Workshop Session #2-7: Autodesk Licensing Changes – Plan for the Future – How it Will Affect Carlson Users

A Virtual Workshop Using Carlson Software – Explore Autodesk Licensing Changes for Carlson Users

This virtual workshop session, led by Dwayne Tindall of CAD Masters and hosted by Jennifer DiBona, explains the Autodesk licensing changes and what they mean for Carlson users who run AutoCAD underneath Carlson. The session covers CAD workstation specs for Carlson, the end of Autodesk maintenance plans and box

copies, the move-to-subscription and trade-in offers and when to choose IntelliCAD, AutoCAD OEM or full AutoCAD.

Key Topics:

- Autodesk move to subscription and named user licensing
- End of maintenance plans, perpetual licenses and box copies
- Trade-in offers for retired and multi-user network licenses
- Running Carlson on IntelliCAD, AutoCAD OEM or full AutoCAD
- CAD workstation and video card specs for Carlson

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This session was presented by Dwayne Tindall on 12/16/2020.

2020 Virtual Workshops Session #2-6: Overview of Carlson's Point Cloud Manipulation Programs

A Virtual Workshop Using Carlson Software – Explore Point Cloud,

Drone and Laser Scan Tools

This Carlson Software virtual workshop session provided an in-depth overview of the company’s point cloud and 3D modeling tools, including Photo Capture, Precision 3D, Point Cloud Basic and Advanced and related hardware such as the Scan 2K and Fixed One. Presenters demonstrated workflows for processing drone, lidar and laser scan data, and discussed integration with Carlson’s CAD and mining software.

Key Topics:

- Carlson Photo Capture (drone imagery processing)
- Precision 3D and Point Cloud modules
- Hardware: Scan 2K, Fixed One and Gyro systems
- Carlson Ops and Blast Ops software integration
- System requirements and pricing overview

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This session was presented by Steve Cummings, Tyler Faulkner and Brad Husak on 12/16/2020.