

# **IntelliCAD Overview – Where it WAS. Where it IS. And Where it WILL BE.**

## **A Virtual Webinar Using IntelliCAD – Explore IntelliCAD Development**

This webinar, hosted by That CAD Girl, provides an in-depth overview of IntelliCAD's history, current capabilities, and future direction, featuring insights from the IntelliCAD Technology Consortium and Carlson Software. It explores how IntelliCAD serves as a cost-effective, DWG-compatible CAD platform supporting Carlson's land development software suite.

### **Key Topics:**

- IntelliCAD's origins and mission
- Comparison with AutoCAD and DWG compatibility
- Carlson Software's integration with IntelliCAD
- New features in IntelliCAD 10
- BIM, DGN, and material rendering capabilities

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

This session was presented by Dave Lorenzo, Dave Carlson, and Leonid Enrov, and Jennifer DiBona on 08/13/2020.

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# An Overview of LandXML to Share and Transfer Files

## A Virtual Webinar Using Carlson Software – Learn to Process Drone Data

This webinar explains the importance of using LandXML as a universal data exchange format for civil engineering, surveying, and construction workflows. It demonstrates how LandXML enables seamless sharing of surfaces, points, alignments, and profiles between Carlson, Civil 3D, Land Desktop, and machine control systems.

### Key Topics:

- Purpose and benefits of LandXML
- Data compatibility between Carlson, Civil 3D, and other CAD systems
- How to import/export LandXML files
- Archiving and long-term data preservation

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

*This session was presented by Jennifer DiBona on 02/20/2020.*

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# Down & Dirty Data Transfer between Carlson and Other Programs

## A Virtual Webinar Using Carlson Software – Learn to Transfer Data Between Programs

This webinar explains practical methods for transferring survey and civil data between Carlson Software and Autodesk Civil 3D. It covers handling Civil 3D objects, converting points and surfaces, exporting and importing DWG files, and using LandXML for reliable cross-platform data exchange.

### Key Topics:

- Converting Civil 3D points and surfaces into Carlson formats
- Understanding proxy entities and Civil 3D object limitations
- Exporting Civil 3D drawings to AutoCAD DWG
- Using LandXML for seamless data transfer between platforms

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*This session was presented by Jennifer DiBona on 07/15/2020.*

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# Drawing Cleanup for Model Building and Construction Staking

## A Virtual Webinar Using Carlson Software – Learn to Prepare CAD Files

This webinar, hosted by That CAD Girl and presented by Walt Liles of Terrain Technology, provides an in-depth walkthrough of Carlson Software's Drawing Cleanup tools for preparing CAD files for construction staking and machine control modeling. The session covers best practices for reducing file size, cleaning DWGs, converting entities, and managing layers to optimize performance in field applications.

### Key Topics:

- Carlson Drawing Cleanup workflow and settings
- File size optimization for GPS and machine control
- Layer management and XREF handling
- Converting Civil 3D and LDD entities into Carlson formats
- Creating and exporting points for layout and staking

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

*This session was presented by Walt Liles on 11/06/2020.*

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# Deeds of Lots and Lots of Lot

## A Virtual Webinar Using Carlson Software – Explore Civil Suite Workflows

This webinar demonstrates how to use Carlson Survey tools to create and manage property deeds, lot boundaries, and subdivision layouts. It covers deed entry, editing, labeling, legal description generation, and automated lot network design for surveyors and civil designers.

### Key Topics:

- Entering and editing deed descriptions (PDD files)
- Creating and labeling lots and boundaries
- Legal description writer and map check tools
- Lot network setup for subdivision design
- Automating setbacks and building footprints

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

*This session was presented by Jennifer DiBona on 05/12/2020.*

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# Customizing Migrating and Sharing Settings in Carlson Software

## A Virtual Webinar Using Carlson Software – Learn to Create Point Symbols

This webinar, hosted by That CAD Girl and presented by Doug Berg, provides an in-depth guide to customizing, migrating, and sharing settings in Carlson Software. It covers configuration management, standardization across teams, and practical use of Carlson's Setting Server for consistent CAD environments.

### Key Topics:

- Managing and standardizing Carlson Software settings
- Using the Carlson Setting Server for multi-user environments
- Migrating settings between versions and platforms (AutoCAD , IntelliCAD)

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

*This session was presented by Doug Aaberg on 09/25/2020.*

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# Centerlines, Profiles & Overview of RoadNet

## A Virtual Webinar Using Carlson Software – Learn to Create Centerlines and Profiles

This webinar provides a step-by-step introduction to creating centerlines, profiles, and road networks using Carlson Civil software. It covers both manual methods and automated workflows through Carlson RoadNet for efficient roadway design and grading.

### Key Topics:

- Creating and editing centerline (CL) and profile (PRO) files
- Linking linework and labels in Carlson Civil
- Drawing and labeling profiles for roads, sewers, and crossings
- Using Carlson RoadNet for multi-road networks and intersections
- Generating surfaces, templates, and grading 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 03/26/2020.*

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# Autodesk Licensing Changes – Plan for the Future

## A Virtual Webinar Using Autodesk – Understand Licensing Changes

This webinar explained Autodesk's 2020–2021 licensing transitions, including the end of maintenance plans and multi-user (network) licenses, and the move to named-user subscriptions. Dwayne Tindel from CAD Masters outlined key dates, trade-in offers, pricing, and practical advice for firms managing perpetual or network Autodesk software.

### Key Topics:

- Transition from maintenance and network licenses to named-user subscriptions
- Trade-in programs and pricing promotions
- Impacts on perpetual licenses and activation codes
- Options for AutoCAD, Civil 3D, and AEC Collections
- Important Autodesk deadlines (2020–2021)

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

*This session was presented by Dwayne Tindall and Mike Self, on 07/22/2020.*

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# Advanced Field to Finish – Perfecting Coding & Creating Linework

## A Virtual Webinar Using Carlson Software – Learn to Perfect Field Coding

This advanced Carlson Survey webinar demonstrates how to perfect field-to-finish coding and generate accurate linework directly from survey data. It covers building and editing FLD files, normalizing field codes, and using special codes to automate linework creation.

### Key Topics:

- Creating and editing Field-to-Finish (FLD) files
- Normalizing and bulk-importing point descriptions
- Using special codes for linework, curves, offsets, and closures

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

*This session was presented by Jennifer DiBona on 03/18/2020.*

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# All About Roadway Templates

## A Virtual Webinar Using Carlson Software – Learn to Build Roadway Templates

This webinar, hosted by That CAD Girl and presented by Mark Long of Carlson Software, provides an in-depth tutorial on creating and managing roadway templates in Carlson Civil. The session covers advanced template design, super elevation, transitions, subgrades, and practical applications for roadway and subdivision design.

### Key Topics:

- Carlson Road Design and Template Creation
- Super Elevation and Template Transitions
- Subgrade and Cut/Fill Slope Configuration
- Template Point Centerline and Profile Tools
- Practical Design Applications and Tips

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

*This session was presented by Mark Long on 05/05/2020.*