

Carlson CADnet

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The Carlson Software modules for land development professionals provide very competitive alternatives to Autodesk's Civil 3D, Land Desktop (retired), Civil Design (retired), Raster Design (retired), Paydirt (retired), Quest Construction and Agtek software programs.

Carlson's desktop software must be installed with a CAD platform such as IntelliCAD, AutoCAD or embedded AutoCAD (OEM). Carlson Software includes a perpetual license of IntelliCAD with their "For CAD" modules but also allows users to install the program on top of your own separately purchased license of a full AutoCAD-based program such as AutoCAD, Map or Civil 3D.

Carlson Survey and Carlson Takeoff are the only 2 programs that can be purchased with an embedded AutoCAD (OEM) license.

ALL Carlson desktop products work natively in the latest DWG format. This means that you create DWG files, you open DWG files and you save DWG files – there is no need to import, export or convert to others using a different CAD-based program.

Your purchase of Carlson includes a perpetual license of the Carlson program and either IntelliCAD or embedded AutoCAD (OEM).

Carlson Software can be purchased as individual modules or by bundling 2 or more products at a discounted price so you only pay for what you need!

Carlson Civil Suite includes the Survey, Civil, Hydrology and GIS modules and compares to Autodesk Civil 3D.

Carlson CADnet is a single module that's functionality is comparable to Autodesk Raster Design.

You can also use a Select Suite to build your own bundle of a Pick 2, Pick 3, Pick 4, Pick 5 or Pick 6 choosing from Survey, Civil, Hydrology, GIS, CADnet and Point Cloud Basic.

Carlson Takeoff Suite and Takeoff with embedded AutoCAD (OEM) is comparable to Paydirt (retired), Quest Construction and Agtek software programs.

All Carlson desktop software products provide a wide range of conversion and import and export functions for other file formats such as Civil 3d, LandXML, Topcon and Trimble.

For Carlson products that run with IntellliCAD and/or your separately purchased license of AutoCAD, Carlson offers users an Annual Maintenance program that keeps the software up to date. The purchase of Maintenance is optional and pricing is calculated at 10% of the retail price of the product per year.

Carlson Software offers free technical support from their main office to all Carlson Software users regardless of customer or license status.

Although users may find it difficult to install older Carlson desktop software on newer machines due to limitations of newer Windows operating systems, Carlson continues offering support for those versions.

More About Carlson CADnet

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Carlson CADnet empowers users to seamlessly transform non-CAD documents like PDFs and raster images into CAD format, with tools for cleaning up text and linework.

CADnet offers commands for digitizing contours, spot elevations, areas, profiles, and cross sections, while recent updates enhance its capabilities with features like exporting drawing entities to 3D PDF files and importing/exporting BIM models, providing a comprehensive solution for CAD conversion and

integration.

Carlson CADnet allows users to import raster images and PDF files and, if needed, even to merge multiple images into one file that can be digitized or otherwise converted by CAD software using a variety of raster-to-vector routines. CADnet also gives you many tools to help clean up text and linework generated from raster images.

Carlson CADnet provides a selection of commands for digitizing (from paper, or on screen) contours, spot elevations, areas, profiles and cross sections.

Recent updates to **CADnet** gives you the ability to export drawing entities to 3D PDF files, import Sketchup files and import and export BIM models (doors, windows, walls, roofs, etc.) and bring them into CAD as CAD software entities; plus, CADnet includes a routine to export surfaces into BIM.

Relevant FAQs from That CAD Girl

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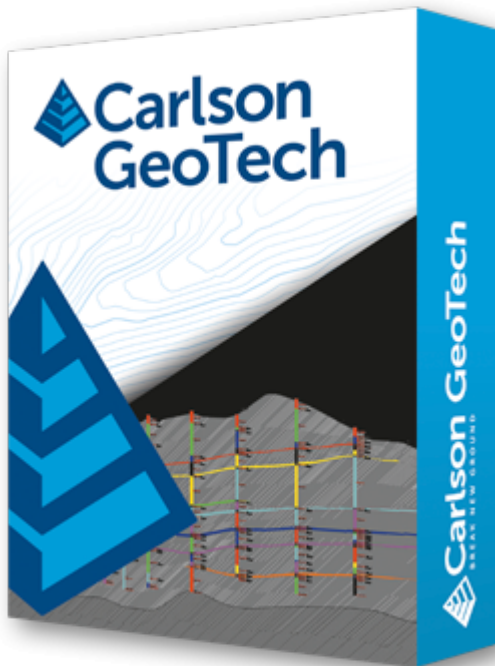
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More About Carlson Construction

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Carlson Construction stands as the cornerstone of Carlson's suite of takeoff and surface modeling tools tailored for contractors.

Within **Carlson Construction**, users can effortlessly generate and tailor comprehensive volume reports, encompassing cut/fill volumes, subgrade volumes, strata volumes, topsoil removal/replacement, and over-excavate volumes. Employing 3D triangulation models ensures the utmost accuracy in volume calculations, whether for the entire site or specific "Areas of Interest."

The software offers a variety of visualization tools to verify quantities and convey findings effectively, including 3D Drive Simulation, 3D Drawing Viewer, 3D Surface Viewer, Quick Profile, Cut/Fill Color Map, and Cut/Fill Contours with daylight lines. Moreover, it supports shrink/swell factors and facilitates seamless export to PDF or Excel.

Subgrades are seamlessly defined through layers and linework in the drawing, with detailed material volume, area, length, and count reporting options available in standard reports, PDFs, or Excel sheets.

Vertical adjustments to the design surface are effortlessly managed through subgrade depths. The software automatically navigates complex subgrade areas and offers hatching

functionalities for swift quality control checks.

From cross-sections for volumes to crafting machine control models with super elevations, **Carlson Construction** excels in road-related tasks. It encompasses features like Import/Create/Draw Centerlines, vertical profiles, design templates, and cross-sections to streamline road construction processes.

With the robust RoadNET command, users can dynamically construct roads and model intersections, while tools for calculating end areas volumes and conducting mass haul analysis further enhance project preparation capabilities.

For seamless transition to fieldwork, the software offers commands like Draw-Locate Points, Create Points from Entities, Divide Along Entity, Triangulation File Utilities, alongside support for Topcon, Trimble, and Leica Machine Control Surface Export, ensuring accurate stakeout or machine control implementation.

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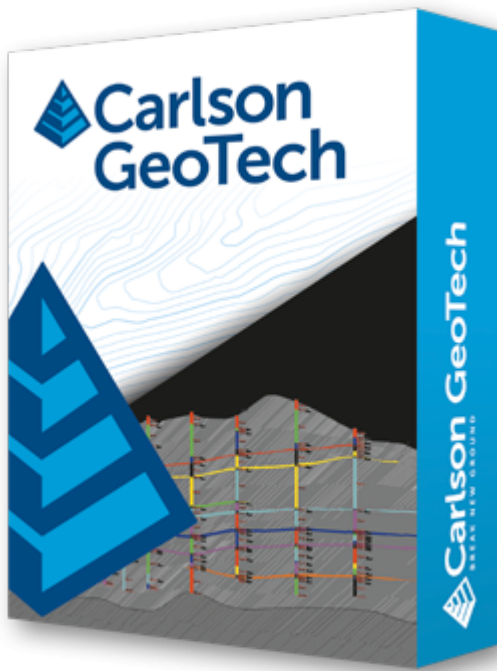
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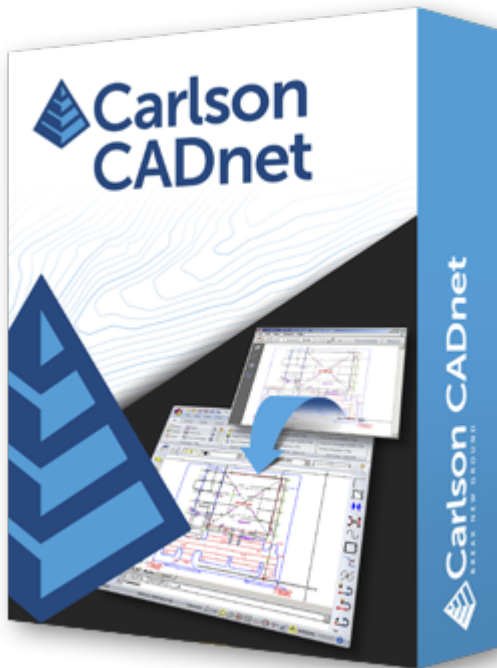
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More About Carlson GeoTech

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Carlson GeoTech is a module that allows the user to enter data from borehole data and model the resulting strata surfaces.

Strata surfaces derived from borehole data offer valuable insights for calculating Strata Cut, Topsoil Removal, or Over-Excavation of materials.

Once these surfaces are generated, they seamlessly integrate into standard features like Calculate Total Volumes, Quick Profile, Surface Inspector, and Cut/Fill Labels. Advanced Settings empower users to select various modeling methods, ensuring the creation of the most precise Strata surface possible.

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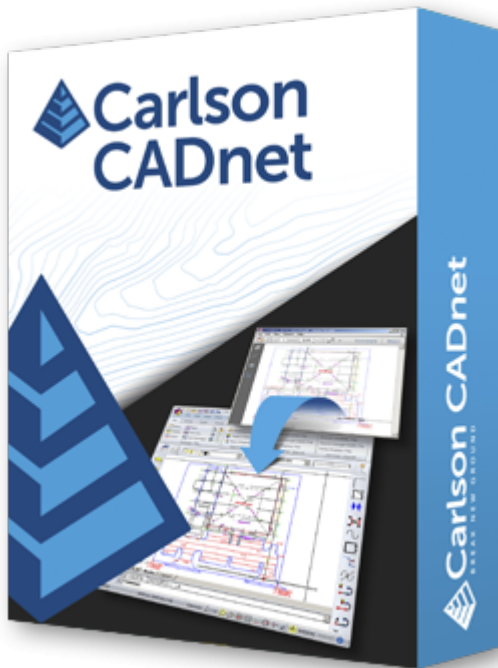
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Carlson CADnet is a single module that’s functionality is comparable to Autodesk Raster Design.

You can also use a Select Suite to build your own bundle of a Pick 2, Pick 3, Pick 4, Pick 5 or Pick 6 choosing from Survey, Civil, Hydrology, GIS, CADnet and Point Cloud Basic.

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Carlson Software offers free technical support from their main office to all Carlson Software users regardless of customer or license status.

Although users may find it difficult to install older Carlson desktop software on newer machines due to limitations of newer Windows operating systems, Carlson continues offering support for those versions.

More About Carlson Trench

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Carlson Trench makes it easy to input data for pipes, trenches, and manholes.

Trench reports can be customized to include comprehensive details such as cut volumes, backfill quantities, linear footage of pipes categorized by size and material and additional information.

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Relevant FAQs from That CAD Girl

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Carlson Survey and Carlson Takeoff are the only 2 programs that can be purchased with an embedded AutoCAD (OEM) license.

ALL Carlson desktop products work natively in the latest DWG format. This means that you create DWG files, you open DWG files and you save DWG files – there is no need to import, export or convert to others using a different CAD-based program.

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Delivery & Downloads

All Carlson Software purchases will be fulfilled electronically by a download link that will be emailed to you (along with your new serial number) within two business days of your order being processed. The download link and serial number can be used to install and register your software immediately.

For delivery to addresses within the United States, we can also ship you a flash drive via UPS Ground for an additional charge. Please note that the physical shipment DOES NOT include manuals.

Your box shipment will arrive approximately 14 business days after your order has been processed. Be aware that software purchases outside the United States will be fulfilled by download only. If you pay the extra charge for the physical shipment we will only provide a download link and will then refund the shipping charge.

30 Day Trials

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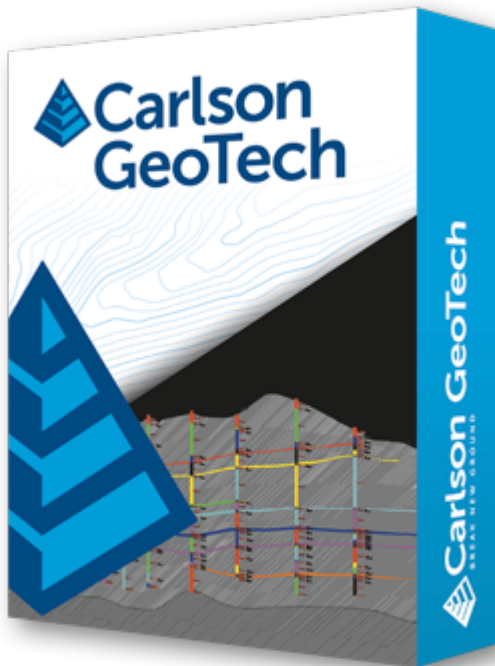
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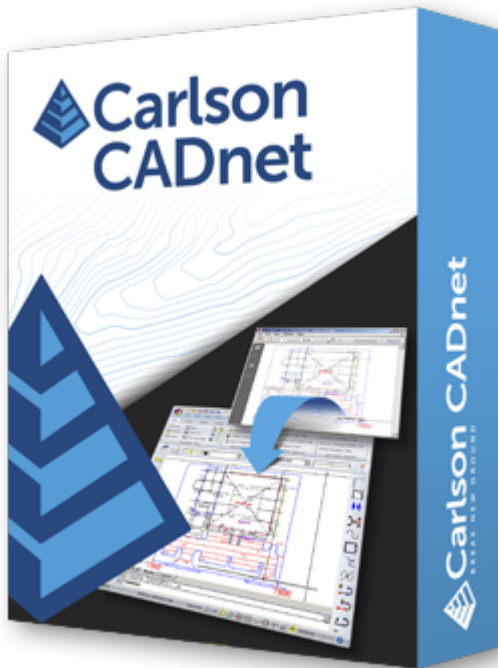
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Includes 1-year of maintenance & FREE training

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Carlson Point Cloud programs give laser scanner users the ability to process millions of data points with Carlson ease-of-use and then export all resulting surface models, points, contours, breaklines, grid and profiles to CAD.

FAQ: P3D? or Point Cloud? then Point Cloud Basic? or Point Cloud Advanced?

FAQ: What you should know about purchasing Carlson Software

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Includes 1-year of maintenance & FREE training from That CAD Girl

This purchase includes a perpetual license of **Carlson Construction and CADnet**, each with a perpetual license of **IntelliCAD**. A perpetual license, essentially, means that you are purchasing the software instead of renting it for a period of time.

Carlson Year End Specials!

Carlson Photo Capture Standalone Basic with Point Cloud Advanced & Maintenance



Includes 1-year of maintenance & FREE training from That CAD Girl

Carlson Year End Specials!

Carlson Select Suite – Pick 2 with Maintenance (Copy)



Includes 1-year of maintenance & FREE training from That CAD Girl

Carlson's Select Suite lets you build your own bundle that includes up to 6 modules: Carlson Survey, Carlson Civil, Carlson Hydrology, Carlson GIS, Carlson CADnet and Carlson Point Cloud Basic.

You also have the option to Pick 3, Pick 4, Pick 5 or Pick 6!

This purchase includes a perpetual license of **Carlson Select Suite Pick 2** and a perpetual license of **IntelliCAD**. A perpetual license, essentially, means that you are purchasing the software instead of renting it for a period of time.

Takeoff with embedded AutoCAD (OEM)

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More About the Functionality of Takeoff OEM

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Carlson Takeoff with embedded AutoCAD (OEM) includes the same functionality as the Takeoff Suite and modules Carlson Construction, Carlson CADnet, Carlson GeoTech & Carlson Trench except that it includes an embedded version of the current AutoCAD OEM software and different menu configuration.

Carlson Construction serves as the cornerstone of Carlson's suite for contractors, offering comprehensive volume reporting and visualization tools to ensure accurate project management.

With features like 3D Drive Simulation and seamless integration with CAD platforms, **Carlson Construction** streamlines road construction and facilitates seamless transition to fieldwork, ensuring precise stakeout and machine control implementation.

Learn More About Carlson Construction

Carlson CADnet empowers users to seamlessly transform non-CAD documents like PDFs and raster images into CAD format, with tools for cleaning up text and linework. It offers commands for digitizing contours, spot elevations, areas, profiles, and cross sections, while recent updates enhance its capabilities with features like exporting drawing entities to 3D PDF files and importing/exporting BIM models, providing a comprehensive solution for CAD conversion and integration.

Learn More About Carlson CADnet

Carlson GeoTech is a module that allows the user to enter data from borehole data and model the resulting strata surfaces. Strata surfaces derived from borehole data offer valuable insights for calculating Strata Cut, Topsoil Removal, or Over-Excavation of materials.

Once these surfaces are generated, they seamlessly integrate into standard features like Calculate Total Volumes, Quick Profile, Surface Inspector, and Cut/Fill Labels. Advanced

Settings empower users to select various modeling methods, ensuring the creation of the most precise Strata surface possible.

Learn More About Carlson GeoTech

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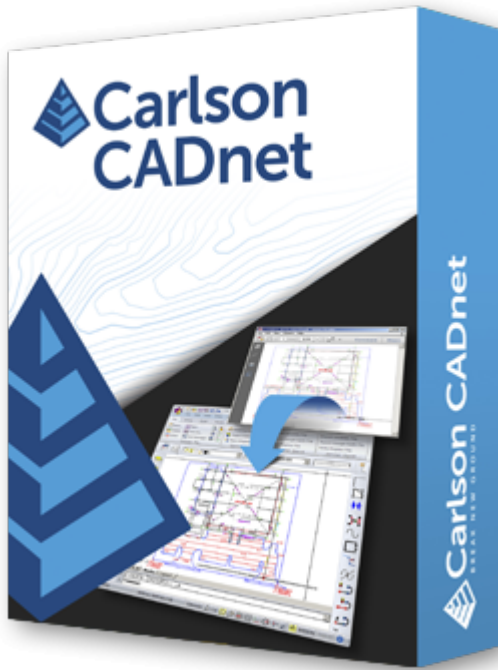
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