

Takeoff with embedded AutoCAD (OEM)

New to Carlson? [Learn More Here](#)

+

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 the Functionality of Takeoff OEM

+

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

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.

Trench reports can be validated using pipe profiles, viewing pipes in 3D view and plotting a depth zone color map.

Learn More About Carlson Trench

Relevant FAQs from That CAD Girl

+

FAQ: What you should know about purchasing Carlson Software

FAQ: I'm a land surveyor. What software do I need?

FAQ: I'm a civil engineer. What software do I need?

FAQ: I'm a contractor and need to do takeoffs and create machine control files. What software do I need?

FAQ: What are the latest improvements in Carlson Software?

FAQ: What features & menus are in Carlson Construction?

FAQ: What features & menus are in Carlson CADNet?

FAQ: What features & menus are in Carlson GeoTech?

FAQ: What features & menus are in Carlson Trench?

FAQs: Carlson Software

FAQs: Software Buying Guide

FAQs: Installation and Technical Support

FAQs: System Requirements and Hardware Compatibility

FAQs: Training

New to Carlson? Learn More Here

+

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 the Functionality of Takeoff OEM

+

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

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.

Trench reports can be validated using pipe profiles, viewing pipes in 3D view and plotting a depth zone color map.

Learn More About Carlson Trench

Relevant FAQs from That CAD Girl

+

FAQ: What you should know about purchasing Carlson Software

FAQ: I'm a land surveyor. What software do I need?

FAQ: I'm a civil engineer. What software do I need?

FAQ: I'm a contractor and need to do takeoffs and create machine control files. What software do I need?

FAQ: What are the latest improvements in Carlson Software?

FAQ: What features & menus are in Carlson Construction?

FAQ: What features & menus are in Carlson CADNet?

FAQ: What features & menus are in Carlson GeoTech?

FAQ: What features & menus are in Carlson Trench?

FAQs: Carlson Software

FAQs: Software Buying Guide

FAQs: Installation and Technical Support

FAQs: System Requirements and Hardware Compatibility

FAQs: Training

Delivery, Downloads and 30 Day Trials

+

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

[Click here to request a 30 day trial serial number](#)

Need more pricing options?

+

Need pricing for upgrades, maintenance renewals or for orders of 4 or more licenses?

[Click here to send us a message](#) or [click here to Request a Custom Proposal](#) to see what we can do!

Terms and Conditions for All Sales

+

[Can be found here](#)



■

[Read more](#)



■

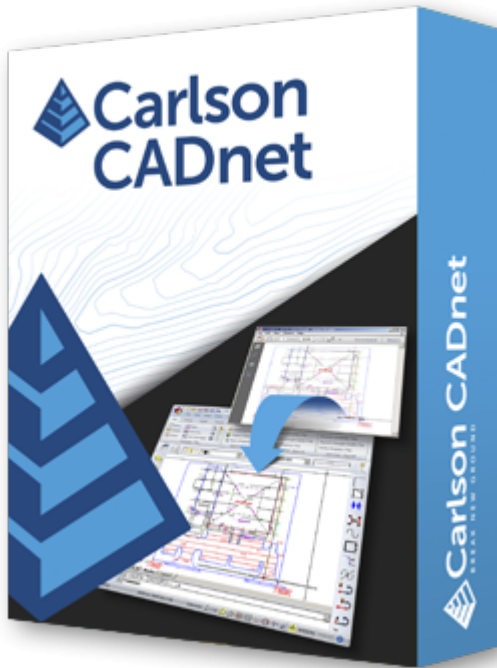
[Read more](#)



■

[Read more](#)

Civil Suite



Read more

Carlson Survey with embedded AutoCAD (OEM)

New to Carlson? Learn More Here

+

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 Survey

+

Carlson Survey encompasses a wide array of features comparable to survey and GIS components found in various software programs, including retired ones like DCA/Softdesk/Land Desktop and Eagle Point.

It offers comprehensive desktop drafting, calculation, and mapping capabilities essential for land surveyors, alongside seamless integration with field data collection software like SurvPC and SurvCE.

Carlson Survey includes features that are comparable to the survey and GIS components of programs such as: DCA/Softdesk/Land Desktop (retired), AutoCAD Map, Civil 3d, Eagle Point (retired), TerraModel (retired), GeoPak and InRoads.

Carlson Survey also includes all the menus and functionality of the retired C & G Software program.

In addition to the functionality of the CAD-platform it's running on top of and the identical functionality available in the first 7 menus of all Carlson Desktop Software, Carlson Survey offers all the desktop drafting, calculation and mapping abilities a land surveyor needs.

Additionally, the drawing and data files such as Coordinate (CRD) and Field Codes (FLD and FCL) can be shared and used directly by Carlson's field data collection software SurvPC and (retired) SurvCE.

With **Carlson Survey**, users are able to:

- import and export data files for Civil 3d, Land Desktop, LandXML, Trimble, Topcon, Google Earth and more
- import and adjust raw data files using various methods including least squares analysis, Compass , Crandall and Transit
- perform all COGO-related queries and staking calculations
- perform survey-related tasks such as translations, map and deed checks and closures, point setting and staking, blunder detection, legal description writer and deed correlation
- perform a limited scope of GIS-related tasks that include importing and exporting shapefiles and importing MrSID or other geo-referenced imagery and feature data
- create and manage points in the drawing or in the CRD file editor
- use Field to Finish to draw points, symbols and both 2D and 3D linework for plan production and model building
- create and manage surface model triangulation files from field data or importing from Google Earth or other sources

- calculate earthwork volumes for pads, stockpiles or between two surfaces and calculate adjustments required to balance cut and fill
- view and perform quality checks on surface model files in various 3d viewers including a 3D Fly By
- create and manage horizontal alignments
- create and manage profiles of ground elevations, roadways, sewer pipes and crossings
- design and map single parcel boundaries or networks of subdivision lots that dynamically adjust to accommodate building footprint and setback restrictions.

Relevant FAQs from That CAD Girl

+

FAQ: What you should know about purchasing Carlson Software

FAQ: I'm a land surveyor. What software do I need?

FAQ: I'm a civil engineer. What software do I need?

FAQ: I'm a contractor and need to do takeoffs and create machine control files. What software do I need?

FAQ: What are the latest improvements in Carlson Software?

FAQ: What features & menus are in Carlson Survey with embedded AutoCAD (OEM)?

FAQs: Carlson Software

FAQs: Software Buying Guide

FAQs: Installation and Technical Support

FAQs: System Requirements and Hardware Compatibility

FAQs: Training

New to Carlson? Learn More Here

+

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 Survey

+

Carlson Survey encompasses a wide array of features comparable to survey and GIS components found in various software programs, including retired ones like DCA/Softdesk/Land Desktop and Eagle Point.

It offers comprehensive desktop drafting, calculation, and mapping capabilities essential for land surveyors, alongside seamless integration with field data collection software like SurvPC and SurvCE.

Carlson Survey includes features that are comparable to the survey and GIS components of programs such as: DCA/Softdesk/Land Desktop (retired), AutoCAD Map, Civil 3d, Eagle Point (retired), TerraModel (retired), GeoPak and InRoads.

Carlson Survey also includes all the menus and functionality of the retired C & G Software program.

In addition to the functionality of the CAD-platform it's running on top of and the identical functionality available in the first 7 menus of all Carlson Desktop Software, Carlson Survey offers all the desktop drafting, calculation and mapping abilities a land surveyor needs.

Additionally, the drawing and data files such as Coordinate (CRD) and Field Codes (FLD and FCL) can be shared and used directly by Carlson's field data collection software SurvPC and (retired) SurvCE.

With **Carlson Survey**, users are able to:

- import and export data files for Civil 3d, Land Desktop, LandXML, Trimble, Topcon, Google Earth and more
- import and adjust raw data files using various methods including least squares analysis, Compass , Crandall and Transit
- perform all COGO-related queries and staking calculations
- perform survey-related tasks such as translations, map and deed checks and closures, point setting and staking, blunder detection, legal description writer and deed correlation
- perform a limited scope of GIS-related tasks that include importing and exporting shapefiles and importing MrSID or other geo-referenced imagery and feature data

- create and manage points in the drawing or in the CRD file editor
- use Field to Finish to draw points, symbols and both 2D and 3D linework for plan production and model building
- create and manage surface model triangulation files from field data or importing from Google Earth or other sources
- calculate earthwork volumes for pads, stockpiles or between two surfaces and calculate adjustments required to balance cut and fill
- view and perform quality checks on surface model files in various 3d viewers including a 3D Fly By
- create and manage horizontal alignments
- create and manage profiles of ground elevations, roadways, sewer pipes and crossings
- design and map single parcel boundaries or networks of subdivision lots that dynamically adjust to accommodate building footprint and setback restrictions.

Relevant FAQs from That CAD Girl

+

FAQ: What you should know about purchasing Carlson Software

FAQ: I'm a land surveyor. What software do I need?

FAQ: I'm a civil engineer. What software do I need?

FAQ: I'm a contractor and need to do takeoffs and create machine control files. What software do I need?

FAQ: What are the latest improvements in Carlson Software?

FAQ: What features & menus are in Carlson Survey with embedded AutoCAD (OEM)?

FAQs: Carlson Software

FAQs: Software Buying Guide

FAQs: Installation and Technical Support

FAQs: System Requirements and Hardware Compatibility

FAQs: Training

Delivery, Downloads and 30 Day Trials

+

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

[Click here to request a 30 day trial serial number](#)

Need more pricing options?

+

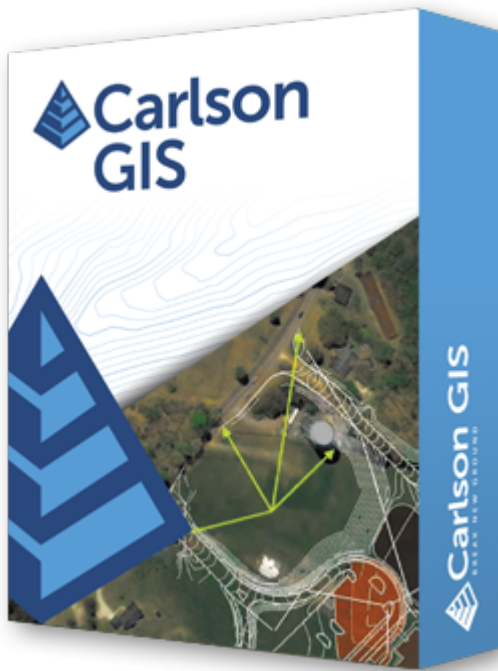
Need pricing for upgrades, maintenance renewals or for orders of 4 or more licenses?

[Click here to send us a message](#) or [click here to Request a Custom Proposal](#) to see what we can do!

Terms and Conditions for All Sales
+
Can be found here

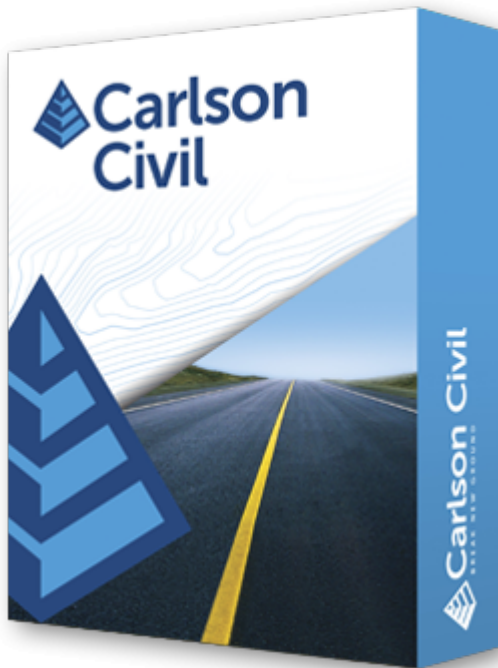


Read more



▪

[Read more](#)



▪

[Read more](#)



■

Read more

Civil Suite