

# Carlson iCAD

Carlson iCAD is an affordable CAD program that is .dwg file based and designed to fit into your production workflow. Carlson iCAD allows drafters to finish drawings and engineers to review drawings.

**That CAD Girl FAQ: What you should know about purchasing Carlson Software**

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## Carlson Point Cloud Advanced

**Carlson Point Cloud** can be purchased with either **Advanced** or **Basic** feature offerings. Both programs are able to go from field scan to finished plat, all with seamless integration to Carlson Survey, Carlson Civil and Carlson Mining programs.

**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.

**That CAD Girl FAQ: P3D? or Point Cloud? then Point Cloud Basic? or Point Cloud Advanced?**

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# Carlson Point Cloud Basic

**Carlson Point Cloud** can be purchased with either **Basic** or **Advanced** feature offerings. Both programs are able to go from field scan to finished plat, all with seamless integration to Carlson Survey, Carlson Civil and Carlson Mining programs.

**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.

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## Carlson Survey

# with embedded AutoCAD (OEM)

**Carlson Survey with embedded AutoCAD (OEM)** runs standalone with an embedded version of the current AutoCAD OEM software.

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

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## Carlson Survey with IntelliCAD or for YOUR AutoCAD

**Carlson Survey** can be purchased as a standalone module or as part of the Civil Suite which also includes Civil, Hydrology and GIS. It can run standalone with the included license of IntelliCAD or on top of a separately purchased license of full AutoCAD.

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## Carlson SurveyGNSS

**SurveyGNSS** post-processing software is a reliable and precise tool for all post-processing applications and is tightly integrated into the Carlson field and office workflow.

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## Carlson SurvNet

**Carlson SurvNET** can be purchased as a stand alone program or by purchasing Carlson Survey or Survey with embedded AutoCAD (OEM).

**Carlson SurvNET is True Network Least Squares** and automatically means all horizontal and vertical angles including slope distances. No need to manually mean and input all multiple direct or reverse or closed horizon pairs of angles and distances; SurvNET does this automatically.

**SurvNET** also automatically weights redundant angle and

distances, it applies and reports these new standard errors after adjusting. SurvNET Network Least Squares reports include mean angle and distance splits prior to adjustment, error ellipse reports, and positional tolerance inversing for Alta Survey compliance.

The **SurvNet** program is also included in Carlson Survey, Survey with embedded AutoCAD (OEM) and as part of Civil Suite.

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## **Precision 3D (P3D) Hydro & Topo**

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## **Precision 3D (P3D) Topo**

**Carlson Precision 3D Topo** is a program for 3D editing of digital terrain models (DTMs) that provides an array of tools to locate and correct DTM errors, all in a sharp 3D interface.

Surveyors, contractors and engineers alike can use the software to make sure the final DTM surface is of the highest quality.

Multiple dos and undos allow the study of changes to make things perfect.

Not sure what product(s) you need? See this [That CAD Girl FAQ: P3D? or Point Cloud? then Point Cloud Basic? or Point Cloud Advanced?](#)

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