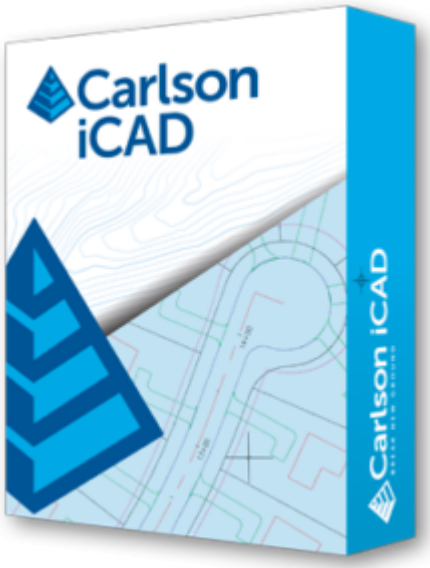
That CAD Girl

Frequently Asked Questions

[FAQ313] What features are in Carlson iCAD? (a running thread)

Shortly after each new release of the program, we will update this FAQ to show the menus that come with the installation.

Refer to this FAQ to see the latest improvements to Carlson's



desktop software products

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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.

This program is comparable to AutoCAD LT.

Features and Benefits of Carlson iCAD 2017

General Menu:

- Open/Save .dwg and .dxf files: Supports 2017 and earlier formats
- Plot: Output to printers and PDF
- Google Earth: Import and Export KML/KMZ
- Civil 3D: Convert Civil 3D custom objects to standard CAD entities
- Xref: Manage external references
- Drawing Utilities: Functions include spell check and purge

Edit Menu:

- Clipboard: Copy and paste drawing entities
- Standard CAD Edits: Functions include move, copy, erase, offset, trim
- Text: Edit, resize, rotate and move text
- Polyline Utilities: Smooth, reduce, reverse and edit polylines
- Join Nearest: Create polylines from lines and arcs
- Image: Adjust quality and clip images

View Menu:

- Zoom: By window, center, extents
- 3D Viewer Window: 3D display of drawing entities with lighting controls
- Twist Screen: Set plan rotation for drawing display
- Display Order: Control display order for entities
- Layer Controls: Edit layer properties and display

Draw Menu:

- Standard CAD entities: Line, polyline, circle, rectangle, arc
- Text: Draw either regular Text or MText
- Hatch: Use Hatch Wizard or regular CAD Hatch
- Image: Supports many formats including .jpg, .tif, .sid, .png and .bmp
- Leader: Several leader styles plus option to draw labels
- Blocks: Includes Write Block and Insert

Inquiry Menu:

- Drawing Inspector: Show tooltip of properties as move cursor over entities
- Entity Info: Pick entity to report layer, curve info, angle info or distance
- List: Report details of selected entities

Settings Menu:

- Options: Settings for CAD engine
- Symbol Library: Manage your collection of symbol drawings to insert
- Quick Keys: Define command line shortcut names for commands
- Toolbar Setup: Manage your toolbar layouts
- Object Snap: Set CAD screen pick snap modes

Annotate Menu:

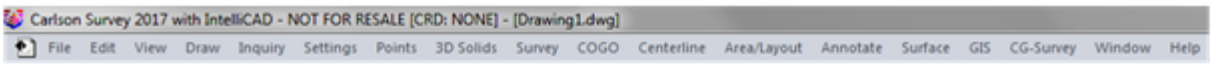
- Angle/Distance: Commands to label bearing or azimuth and distance of lines
- Annotate Arc: Commands to label arc dimensions
- Areas: Commands to label areas defined by linework boundaries

System Requirements:

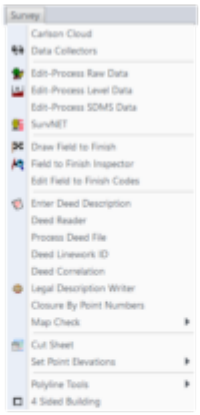
- Microsoft® Windows® 10, Windows 8, Windows 7, and Windows Vista® are supported
- Both 32-bit and 64-bit processors are supported

Menus in Survey 2017

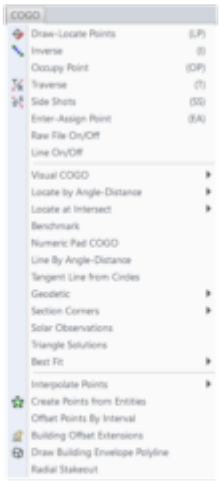
Menu bar in Survey 2017 showing the compact version of the CG Survey menu



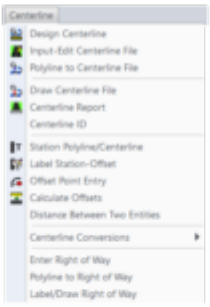
Survey Menu



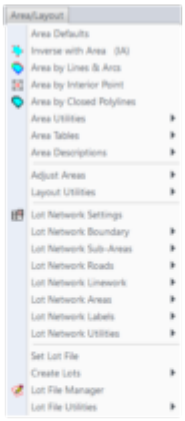
COGO Menu



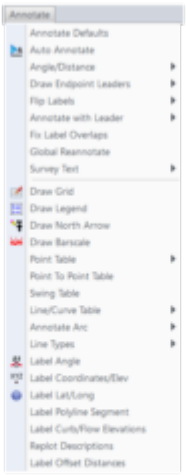
Centerline Menu



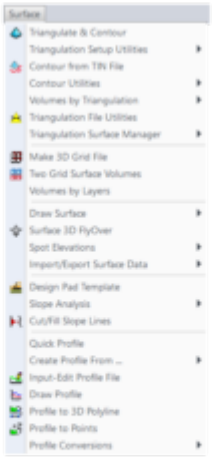
Area/Layout Menu



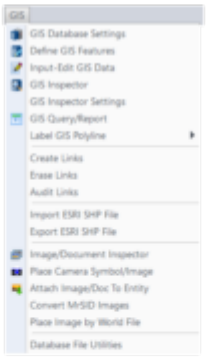
Annotate Menu



Surface Menu

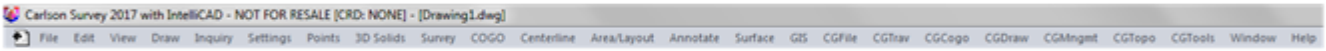


GIS Menu



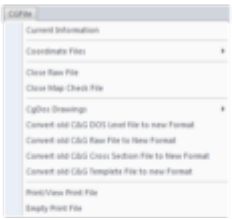
CG-Survey Menu

Menu bar in Survey 2017 showing the expanded version of the CG-Survey menu



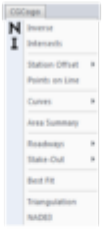
The menus below are available when using the expanded version of the CG-Survey menu

CG File Menu

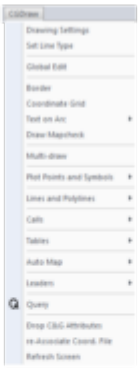


CG Trav Menu

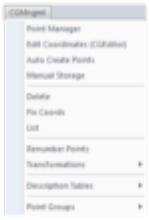
CG Cogo Menu



CG Draw Menu

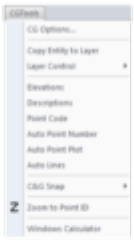


CG Mngmt Menu



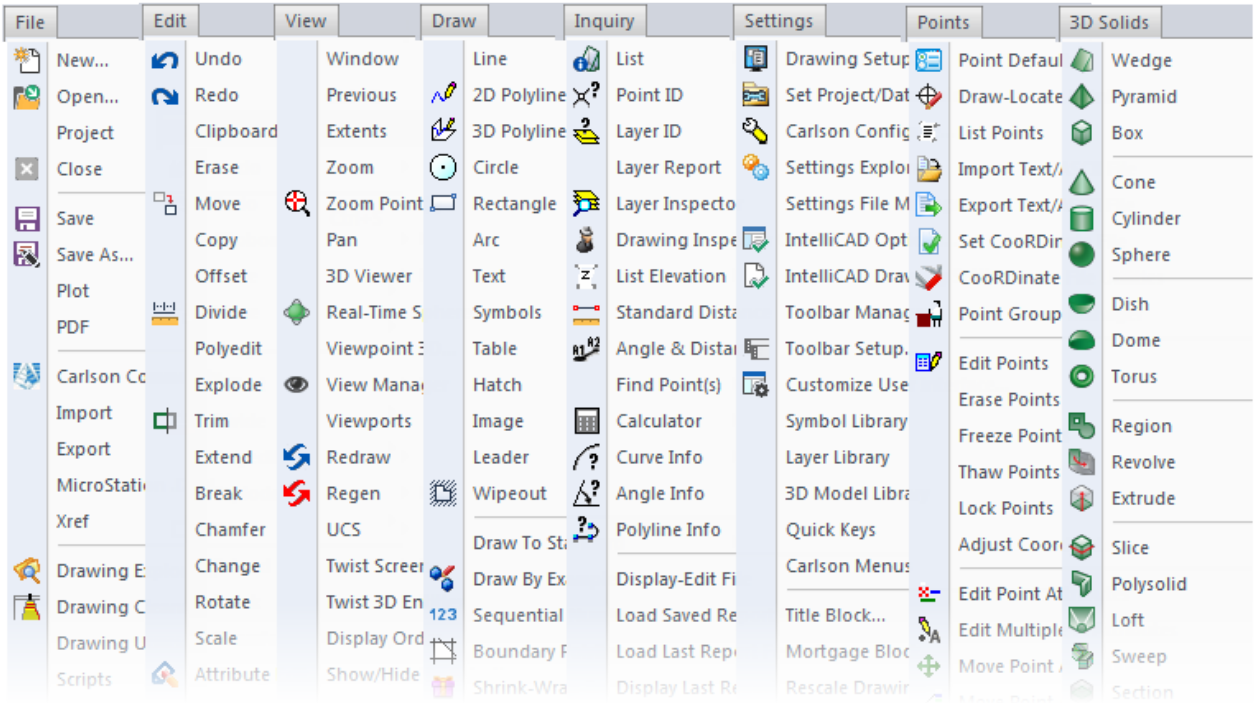
CG Topo Menu

CG Tools Menu



The menus below are in all non-OEM programs of Carlson 2017 desktop software

(Click image to see more)



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