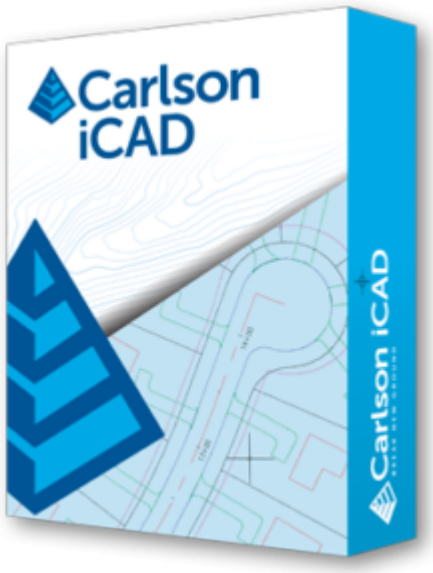
That CAD Girl

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

October 20, 2017
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

Click here to view in Online Store

That CAD Girl

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

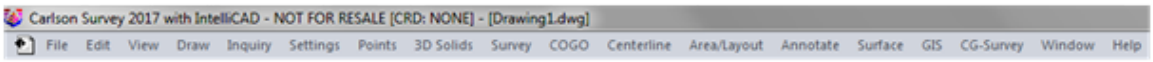
and distance of lines
- Annotate Arc: Commands to label arc dimensions
- Areas: Commands to label areas defined by linework boundaries

System Requirements:

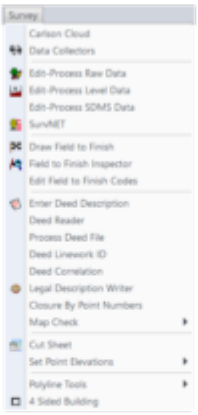
- Microsoft® Windows® 10, Windows 8, Windows 7, and Windows Vista® are supported
- Both 32-bit and 64-bit processors are supported

Menus in Survey 2017

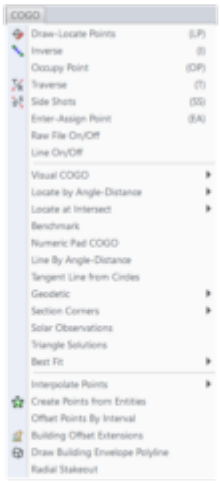
Menu bar in Survey 2017 showing the compact version of the CG Survey menu



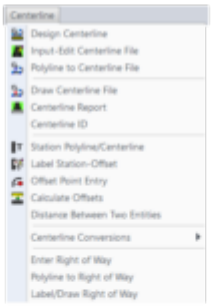
Survey Menu


Survey
Carlson Cloud
Data Collectors
Edit-Process Raw Data
Edit-Process Level Data
Edit-Process SDMS Data
SurvNET
Draw Field to Finish
Field to Finish Inspector
Edit Field to Finish Codes
Enter Deed Description
Deed Reader
Process Deed File
Deed Linework ID
Deed Correlation
Legal Description Writer
Closure By Point Numbers
Map Check
Cut Sheet
Set Point Elevations
Polyline Tools
4 Sided Building

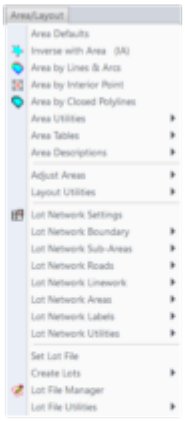
COGO Menu



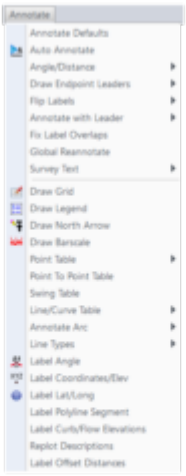
Centerline Menu



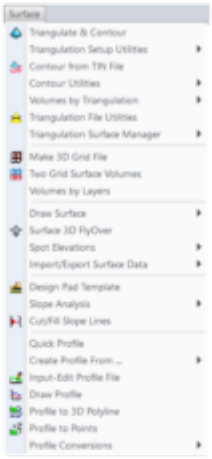
Area/Layout Menu



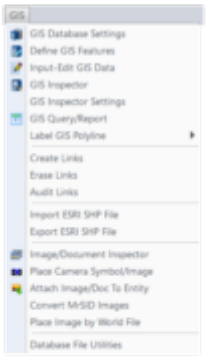
Annotate Menu



Surface Menu


Surface
Triangulate & Contour
Triangulation Setup Utilities
Contour from TIN File
Contour Utilities
Volumes by Triangulation
Triangulation File Utilities
Triangulation Surface Manager
Make 3D Grid File
Two Grid Surface Volumes
Volumes by Layers
Draw Surface
Surface 3D FlyOver
Spot Elevations
Import/Export Surface Data
Design Pad Template
Slope Analysis
Cut/Fill Slope Lines
Quick Profile
Create Profile From ...
Input-Edit Profile File
Draw Profile
Profile to 3D Polyline
Profile to Points
Profile Conversions

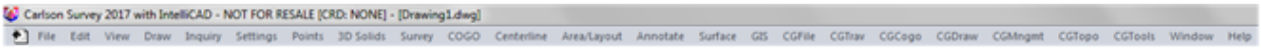
GIS Menu



CG-Survey Menu

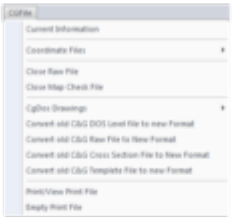


Menu bar in Survey 2017 showing the expanded version of the CG-Survey menu



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

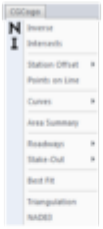
CG File Menu



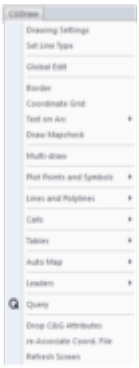
CG Trav Menu


CGTabs
Quick Traverse
Edit Raw File (CGEditor)
Data Collector Transfer
List Raw File
Reduce Traverse
Edit Map Check File (CGEditor)
Reduce Map Check File
Visual Map Check
Create StarNet File

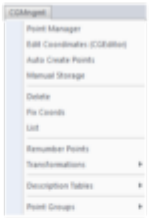
CG Cogo Menu


CGDraw
Inverse
Intersects
Station Offset
Points on Line
Curves
Area Summary
Roadways
Stake-Out
Best Fit
Triangulation
NADB3

CG Draw Menu



CG Mngmt Menu

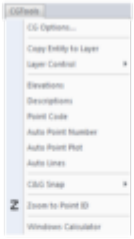

CGMagnet
Point Manager
Edit Coordinates (CGEditor)
Auto Create Points
Manual Storage
Delete
Fix Coords
List
Renumber Points
Transformations
Description Tables
Point Groups

CG Topo Menu



CG Tools Menu

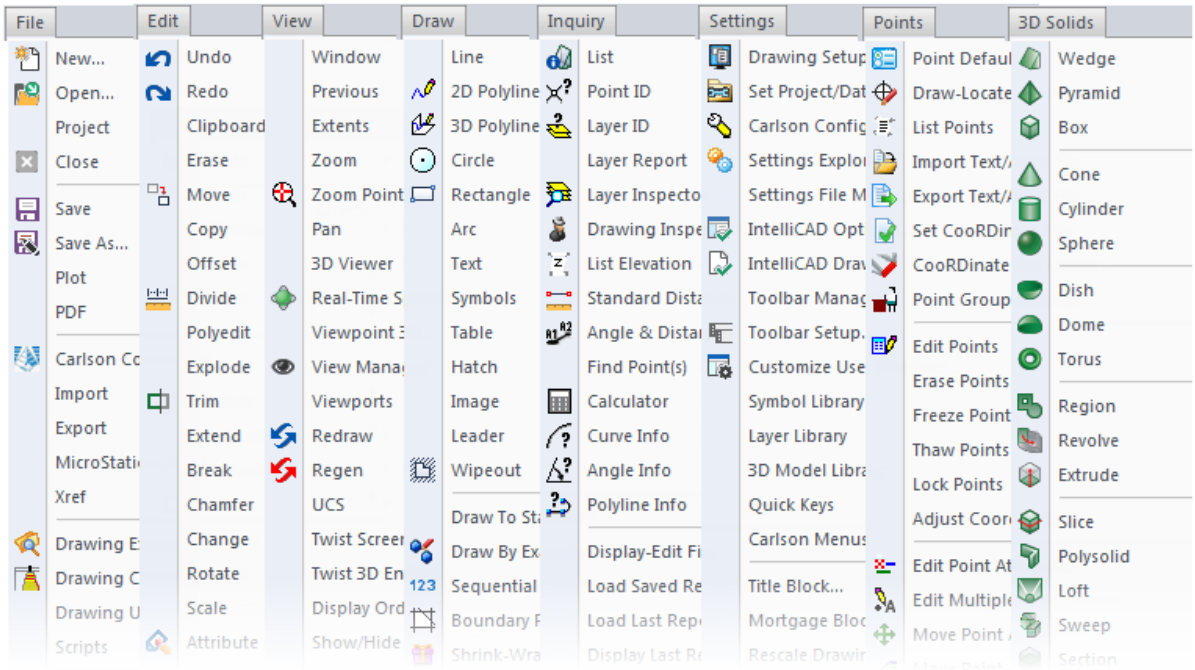
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The menus below are in all non-OEM programs of Carlson 2017 desktop software

(Click image to see more)

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