

Carlson

Works with AutoCAD®, IntelliCAD® & MicroStation®

A Windows-based coordinate geometry program, **Simplicity Sight Survey** provides simplified methods for solving common coordinate geometry and construction surveying problems. Be guided from beginning to end with screen prompts moving users seamlessly through routines with all entries checked for possible errors.

Get the Ease of Simplicity Combined with the Power of Carlson Software

Familiar commands work within Simplicity as they do within Carlson Survey:

- Field-to-Finish
- Contouring
- Edit-Process Raw Data
- Network Least Squares

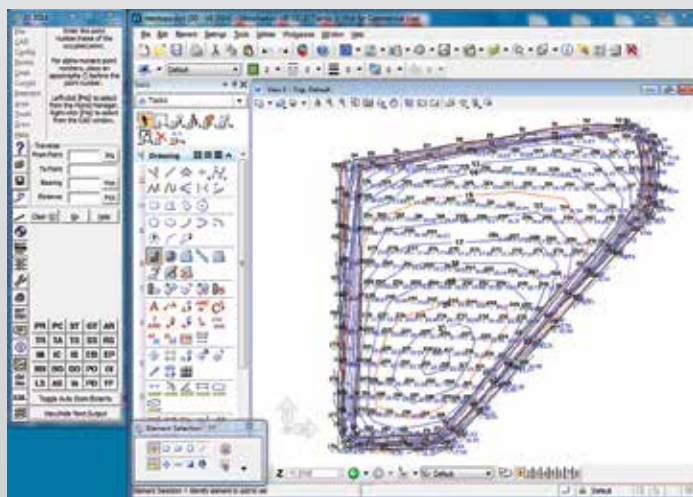
Versatile - Use with DWF or DGN files

↳ Works on six different versions of MicroStation® V8 (all current versions)

↳ Offers Field-to-Finish routines that are identical whether working in Carlson Survey or MicroStation

↳ Updated to work with current releases of AutoCAD® and IntelliCAD®

Field-To-Finish and Contour output in Microstation V8i



AUTODESK
Authorized Developer

Authorized with
IntelliCAD
Technology Consortium
Member

Bentley
Technology Partner

Find Out More NOW!

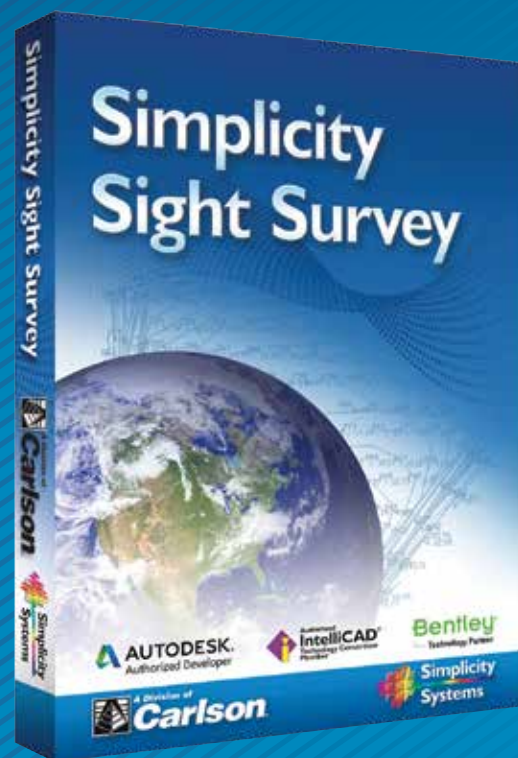
For more info or to locate a dealer near you-

call - +31 (0) 36 750 1781

www.carlsonsw.com

www.carlsonEMEA.com

Simplicity Sight Survey



Carlson

Europe ■ Middle East ■ Africa

Markerkant 1338 | 1314 AN Almere | The Netherlands

Routines and Routine Codes



Carlson
Europe ■ Middle East ■ Africa

File Menu

- New Job (NJ)
- Open Job (LO)
- Save Job (SJ)
- Save Job As
- Print
- Print Preview
- Page Setup
- Import
 - ASCII Files
 - Coordinate File
- Export
 - ASCII File
 - Coordinate File
- Delete Job
- Project File Manager (FM)
- Raw File Recorder On/Off (RR)
- Exit (SY)

Points Menu

- Enter and Assign (EA)
- Enter Elevation (EZ)
- Identify Point (ID)
- Enter Station (ES)
- Start At (ST)
- Go To (GT)
- Enter Backsight Point (EP)
- Enter Backsight Bearing (EB)
- Show Current Setup
- Point Manager (PM)
- Point Plot (PP)
- Draw All Points (DL)
- List Coordinates (PM)
- Blank Point Scan (BP)
- Renumber Points (RP)
- Copy Block of Points (CB)
- Clear Coordinates (CC)
- Clear Point Names (CN)
- Clear Point Stations (CS)
- Edit Default Descriptions (AP)
- Define Figures (Point Groups) (DF)
- Offset (OD)
- Coordinate Transformation (CT)
- Rotation Point and Angle Known
- Two Points in Each System Known
- US Survey Feet to Meters
- US Survey Feet to International Feet
- Meters to US Survey Feet
- Meters to International Feet
- International Feet to Meters
- International Feet to US Survey Feet
- Lat/Lon to Coordinates
- Coordinates to Lat/Lon
- Grid to Grid
- Draw Field to Finish (FF)
- Delete Field to Finish (XF)
- Compare Points

Area Menu

- Area Print Out (AR)
- Point to Point Area (PA)
- Pre-determined Area (PD)
- 2 Sides Parallel
- Line Through a Point
- Radial Sides
- 2 Lines Through a Point

Lines Menu

- Inverse (IN)
- Field Data Inverse (FI)
- Slope Inverse (SI)
- Radial Inverse (RI)
- Deflection inverse (DI)
- Radial Stake Out (RS)
- Side Shots (SS)

- Offset (OS)
- Traverse (TR)
- Traverse Closure (TC)
- Traverse with Offsets (TO)
- Traverse with Stations (TS)
- Inverse with Stations (IS)
- Traverse Right of Way (RW)
- Best Fit Line (BF)
- Remove Polyline Segment

Config Menu

- Text Output Configuration (KT)
- Slope Entry Configuration (KS)
- CAD Configuration (CM)
- COCO Configuration (KC)
- Local Configuration (LC)
- Bearings Format Configuration (FC)
- File Path Configuration (FP)
- Drawing Properties (PR)
- Point Configuration (PC)
- Auto Backup Settings (BU)
- Edit User Toolbar Commands
- Switch Interface

Draw Menu

- Insert
 - North Arrow (NA)
 - Scale Bar (SB)
 - Curve Table (CL)
 - Reset Curve Table (VX)
 - Short Line Table (SL)
 - ASCII Text File (TF)
 - Text Line (TL)
 - Title Block (TB)
 - Raster Image (IM)
 - Component Place (CP or PS)
- Drawing Zooms
 - Auto Zoom Extents (AZ)
 - Magnify (MG)
 - Demagnify (DM)
 - Zoom All (or Extents) (AZ or ZE)
 - Zoom Window (ZW)
 - Zoom Sheet (ZS)
 - Zoom Last (ZL)
 - Zoom to Point (ZP)
- Edit
 - Drawing Erase (DX)
 - Layer Erase
 - Break Line (BL)
 - Extend Line
 - Trim
 - Move Selected to New Layer (XY)
 - Default Line Properties (XL)
 - Default Text Properties (XT)
 - Default Arrow Properties (XA)
 - Group into Object
 - Create Block
 - Explode Block (XB)
 - Explode Group
 - Selection Filter (SF)
- Elements
 - Draw Polyline (PL)
 - Draw B-Spline (RC)
 - Draw Circle (DC)
 - Draw Rectangle (DR)
 - Draw Line (LI)
 - Draw Parallel Line (DP)
 - Draw Three Point Arc (AC)
 - Draw Ellipse (EL)
 - Draw Fillet
 - Draw Chamfer
 - Draw Leader Line (LE)
 - Hatch or Fill
 - Measure (Label) an Angle (MA)
- Locate paper (LP)
- Show / Hide Paper (SP)
- Query Entity (QE)

- Snaps
- Refresh Drawing (RD)
- Plot Drawing

Curves Menu

- Inverse Curve (IC)
- Inverse Obtuse Curve (OC)
- Three Point Curve (TP)
- Inscribe Arc (IA)
- Tangent from the PC
- Tangent from the PI
- Non-Tangent from the PC
- Tangent from the PC with Offsets
- Tangent from the PI with Offsets
- Non-Tangent from the PC with Offsets
- Traverse Arc (TA)
- Traverse Arc with Offsets (AO)
- Curve Offset (CO)
- Best Fit Curve (BC)
- Spiral Curve from the PI (SR)

Tools Menu

- Surface
 - Surface Manager (SM)
 - Contour (CI)
 - View Triangles (VT)
 - Hide Triangles (HT)
 - Edit TIN (ET)
 - Calculate Volumes (CV)
 - Delete Contours (XC)
- Data Transfer
 - C&G Transfer
 - SurvCom Transfer
- Edit Process Raw Files
 - C&G Raw Editor
 - Carlson Raw Editor
- Network Least Squares
- Write a Legal Description File (LF or LE)

CAD Menu

- Open Drawing in CAD
- Open CAD
- Close CAD
- Pick Points in CAD
- Edit Layers (EL)
- Refresh Layer List
- Select Bearing (SB)
- Select Distance (SD)
- Measure between CAD Points (MD)

Intersections Menu

- Arc-Arc Intersection (AA)
- Arc-Bearing Intersection (AB)
- Arc-Distance Intersection (AD)
- Bearing-Arc Intersection (BA)
- Bearing-Bearing Intersection (BB)
- Bearing-Distance Intersection (BD)
- Distance-Arc Intersection (DA)
- Distance-Bearing Intersection (DB)
- Distance-Distance Intersection (DD)
- Perpendicular Offset (PO)
- Offset Intersection (OI)
- Line Station & Offset (LS)
- Arc Station & Offset (AS)
- 3 Point Resection (RN)



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