

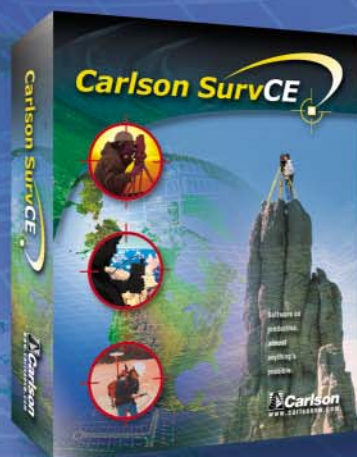
# Carlson SurvCE

Software so productive, *almost* anything's possible



***The innovative Windows CE™  
data collection software for  
land surveying professionals.***

*SurvCE software supports all major manufacturers'  
conventional and robotic total stations and RTK GPS systems.*



*"I know of no other field and  
office software combination that  
works together as seamlessly as  
SurvCE and SurvCADD CES.  
The ability to transfer  
coordinate files and alignment  
files back and forth with no  
conversion is a big time saver."*

— Kevin P. O'Connor L.S.  
Urban Engineering &  
Associates, Inc.



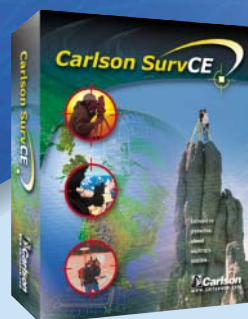
**Carlson**  
[www.carlsonsw.com](http://www.carlsonsw.com)





# Carlson SurvCE

Software so productive, *almost* anything's possible.



*"SurvCE is great. I use it everyday for a number of different tasks. I'm not sure how we got along without it."*

—Arlyn Burns, Damon Pursell Construction



Easy to use!  
Tab-Based  
MENU  
Structure.

## The Innovative Windows CE™ Data Collection Solution

### Easy to use!

■ Tab-Based MENU Structure. All commands are visible in each menu, preventing the need for Up-Down Arrow Keying to view options.

### Enhanced graphics!

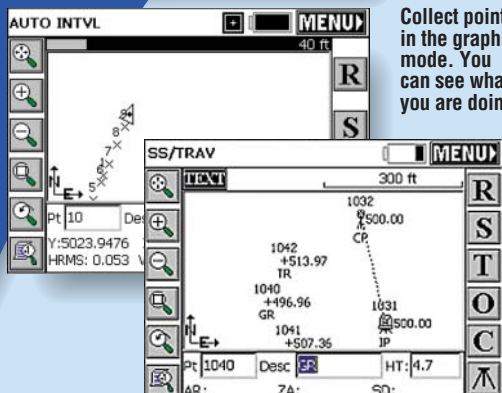
■ Points plot on MAP screen as they are shot in the field or entered. There is no need to switch between screens to view your points. In GPS mode, you can track your position on the MAP screen at all times, in all data collecting and stakeout commands.

■ More Flexible Presentation of Points. Points can be displayed in two sizes, with selective freezing of numbers, elevations and descriptions. The decimal place in the elevation can optionally be used as the point node.

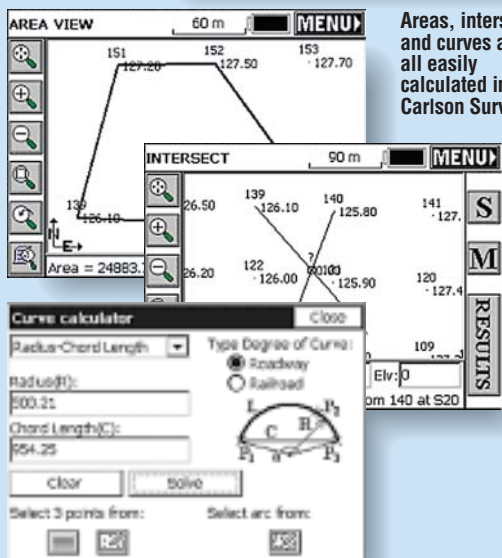
■ A Command Line is provided on the MAP screen. You can draw polylines, create points on polylines, turn polylines into centerlines, erase polylines, inverse, traverse and sideshot, find and zoom to point, and freeze and thaw layers. The "feel" is similar to AutoCAD®.

■ Zoom Previous. Easily go back to your last display view.

Collect points in the graphics mode. You can see what you are doing!



Areas, intersects and curves are all easily calculated in Carlson SurvCE



SurvCE	TDS	Feature*
YES	YES	Map View with full range of Zoom, Pan and Point Plotting Options
YES	YES	Standard Total Station, Robotic Total Station (+ Quick Lock) and GPS Drivers
YES	YES	Raw File in RW5 format, for both Total Station and GPS Work
YES	YES	Complete COGO Feature Set, Raw File View/Adjustment, Road Alignment Entry
YES	YES	Auto Linework in Real Time
YES	YES	Control Files
YES	YES	Flexible Set Collection
YES	YES	GEOID 99 (US) and EGM 96 (worldwide) Support for GPS Elevations
YES	YES	Offset Staking and Slope Staking with Cutsheet Export
YES	YES	Initialization of Static Data Collection for GPS Post-Processing, Storage of Baseline Files in Real-Time GPS
YES	YES	Full State Plane (27/83) and UTM Map Projection Flexibility
YES	YES	Base or Rover Localization Procedure in GPS
YES	YES	Display of Residuals in Multi-Point, Rover-Based localization.
YES	YES	Complete Calculator Feature Set
YES	YES	Compatible Stakeout Graphics and Procedures
YES	YES	Office software download package with Raw Data editing and processing (Carlson X-Port)
YES	NO	"Real-Time Graphics" - Points and Line-work appear on the screen in real-time as they are measured
YES	NO	One-Screen, No-Scrolling Menu Structure
YES	NO	Command Line in Graphics, with AutoCAD®- like options, including Layer Control
YES	NO	Point Viewing Controls
YES	NO	Import and Export DXF files for AutoCAD® and MicroStation®
YES	NO	Import and Export SHP files for ESRI® GIS applications
YES	NO	Import and Export LandXML files for road design and points
YES	NO	Convert Polyline to Centerlines and Centerlines to Polyline
YES	NO	Convert Polyline Vertices to Points for Stakeout, on demand
YES	NO	Large Print Text Screen and Real-Time Map Screen Options in Standard Traverse/Sideshot and GPS Point Collection Routines
YES	NO	State Plane and UTM to Lat/Long 2-Way Conversion in Calculator
YES	NO	Automatic Math expressions
YES	NO	Offset Polyline Horizontally and Vertically for Alignment and Building Stakeout
YES	NO	Centerlines and Profiles can be Imported from TDS/SDR/LDD Formats
YES	NO	Offset Stake to Pre-Defined Station/ Offset/Elevation List (no "paper" in field)
YES	NO	Configurable ENTER Key

\* Feature comparison as of spring 2002, subject to change without notice.

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