SurvPC

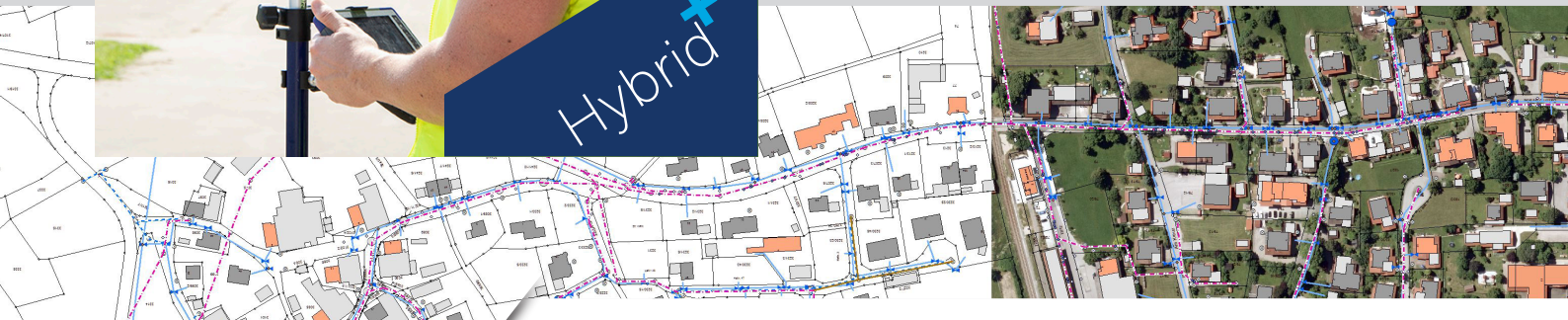## The world's most robust, flexible data collection software

There's a reason surveyors make Carlson their first choice in data collection software. Carlson SurvPC combines advanced functionality, ease-of-use, and cutting-edge features with excellent service and award-winning technical support.

SurvPC supports the widest range of popular and newly released RTK GPS and conventional and robotic total stations, putting the power of Carlson's in-field coordinate geometry at your fingertips.

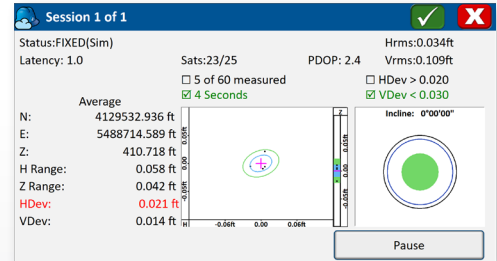### Just a few of the powerful features to help you get your job done faster and better:

- **Field-to-Finish:** Create drawings intuitively and automatically as you work, saving you time back in the office
- **Highly graphical and intuitive user interface** is designed 'by surveyors for surveyors'
- **Easy data exchange** due to rich support of CAD file formats and .dwg, .dgn, .shp
- **Powerful field capabilities** with quick and easy volume calculation and ability to generate points from polylines
- **Advanced Roading:** favored by U.S. DOTs and heavy highway contractors around the world
- Cutting-edge **functionality for staking** intersections and cul-de-sacs using Carlson Road Network files
- **The best of both worlds:** Survey with robotic total station and GNSS simultaneously with the **Hybrid+** module
- **Cut/Fill stakeout** using surface files
- **Camera integration** allowing assignment of picture to points or lines
- **Strong GIS features** for accurate data capture, including attribute data and seamless linking to Esri®
- **Export directly in KML format** for fast control in Google Earth
- **True versatility:** SurvPC runs on hundreds of GPS and total station models in service today, including Altus, Ashtech, Carlson, Geomax, Leica, Pentax, Sokkia, Spectra-Precision, Topcon, and more. See full list at survpc.com.
- **SurvPC is available in more than two dozen languages**: English, Spanish, German, French, French (Canadian), Russian, Portuguese, Czech, Dutch, Greek, Italian, Polish, Hungarian, Swedish, Latvian, and more.
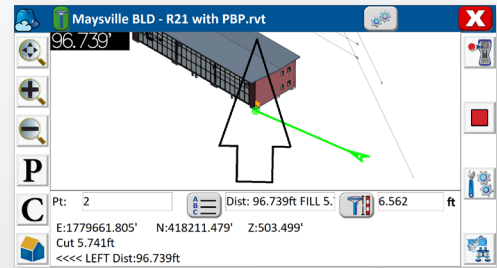
Hybrid+

See what's new in Carlson SurvPC 7!

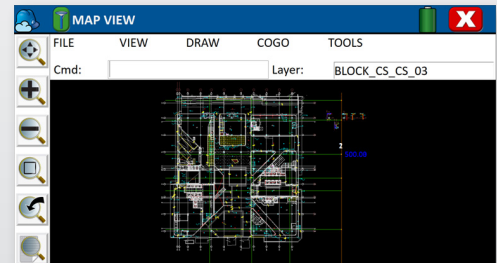## SurvPC 7 delivers on compatibility and data visibility:

- **SurvNET in the Field** provides least squares analysis for boundary survey certification and procedures to reduce error including dual baseline and time delay, with simplified results and customizable PDF reporting

- Improved **blunder detection** for averaging and field work

- **BIM Module** supports IFC and Revit files for staking, storing, and visualizing in 3D and 2D

- **Reference drawing support** including full layer control and automatic field update

- **Esri ArcGIS Online integration** to log in and update Esri database in tandem with your survey

- **User created Hotlists and python scripting** for advanced users allows greater customization

- **Enhanced Point List and Point Information** with modification history and easily editable rod heights

- **Improved and fully customizable** reports for coordinate, point, stake, volume calculation, and full job details now available in PDF and HTML formats

- **Carlson Cloud Enhancements** including automatic login, icon to indicate login status, and separate chat windows

- **Tolerance Profiles** for easily switchable customized tolerance settings

- **Enhanced graphical averaging** with statistics display, error ellipses in real time, outlier removal, and automatic redundancy with time delay and RTK reset

- **Guided Powerline Survey** with live graphing, ground surface definition, and emailed reporting of the results and environmental conditions

- **Monitoring routine** offers a single-station system for deformation control of bridges, buildings, etc. Email alerts when motion tolerances are exceeded

- **Tunneling Module** for staking any aspect of tunnels including road, dome, counter-dome, key, road, drainage

- **BIM Roading Advances in road staking** to support BIM and DTM models with real time sectioning

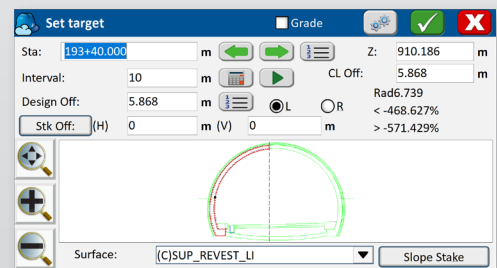- **Software Update and Geoid Download** in the Field

New averaging features and visualizations

BIM model layout capability

Map view with reference drawings

Advanced roading, including tunnels

Available Modules:
- GPS
- Manual/Robotic Total Station
- Hybrid+
- Advanced Roading
- Tunneling
- BIM
- Monitoring

810-260-51