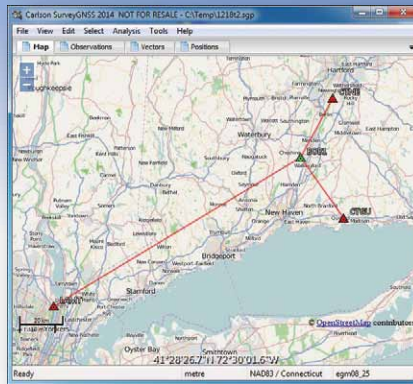


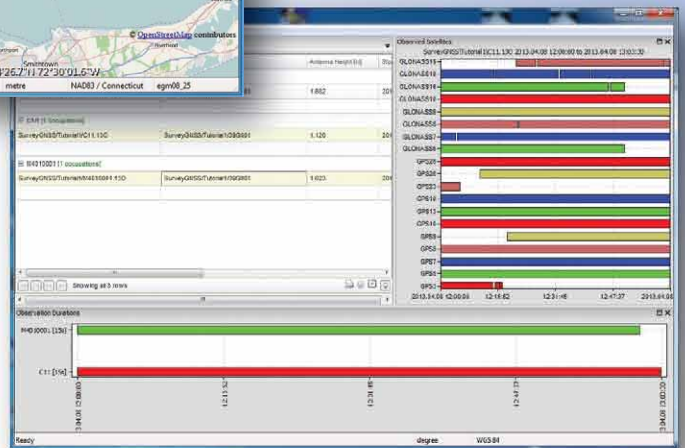
Simple, Yet Powerful Data Post-Processing Solution

Carlson SurveyGNSS

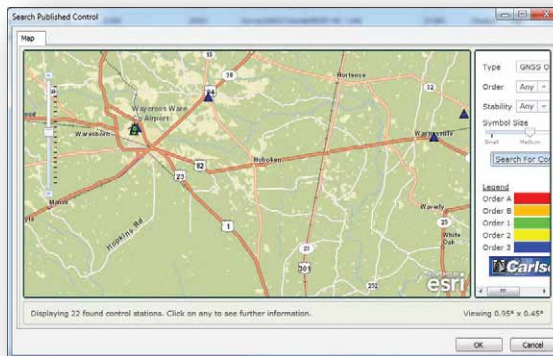
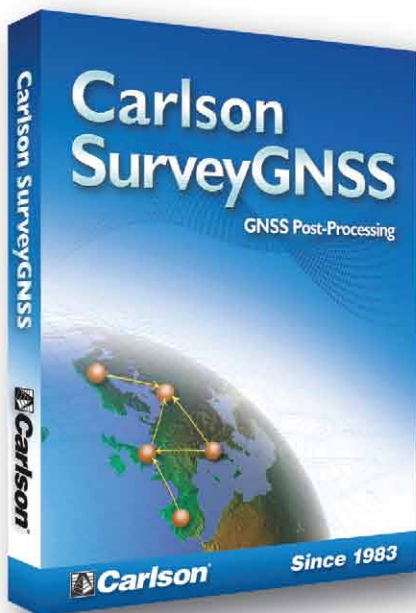
- Achieve high accuracy results in areas with limited or no real-time corrections
- Import GNSS observations from any GNSS receiver in RINEX format
- Accept GNSS observations in a variety of proprietary formats
- Get intuitive user interface with tables, maps and graphs
- Improve the quality of single frequency GIS data
- Interact efficiently with Carlson field solutions such as SurvCE and SurvPC and also with Carlson office software
- Do quality control of GNSS data before export to Survey or GIS software



Background map view with vectors and positions



Graphic view of observed satellites and observations



Automated search of published known points

Station name	Identifier	Dimension [m]	Country	Place	Operator	Status	Interval [s]
CTRE	CH7173	24.9	LT	Rpovets	Geological Department of Tte	5	5
CTRE	CH7173	24.9	LT	Rpovets	Geological Department of Tte	5	5
CTRE	CH7173	24.9	LT	Rpovets	Geological Department of Tte	5	5
CTRE	CH7173	24.9	LT	Rpovets	Geological Department of Tte	5	5
CTRE	CH7173	24.9	LT	Rpovets	Geological Department of Tte	5	5
CTRE	CH7173	24.9	LT	Rpovets	Geological Department of Tte	5	5
CTRE	CH7173	24.9	LT	Rpovets	Geological Department of Tte	5	5
CTRE	CH7173	24.9	LT	Rpovets	Geological Department of Tte	5	5
CTRE	CH7173	24.9	LT	Rpovets	Geological Department of Tte	5	5
CTRE	CH7173	24.9	LT	Rpovets	Geological Department of Tte	5	5

Automated list of RINEX reference stations

For more information, visit www.carlsonsw.com or call 800-989-5028

Since 1983



Carlson SurveyGNSS

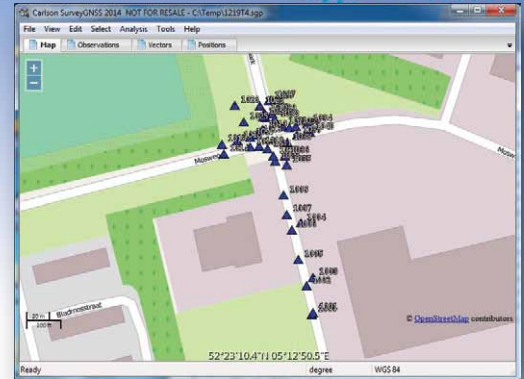
— A reliable and precise tool for all post-processing applications*

Carlson SurveyGNSS at a glance:

- Supports differential post-processing of RINEX GNSS observations in static, 'stop and go' and kinematic positioning modes
- Accepts GNSS observations from any GNSS receiver in RINEX format
- Accepts proprietary GNSS observations in the following formats:
 - Carlson **.log** and **.rw5** – Additional proprietary manufacturer file formats will be added based on manufacturer cooperation and/or customer demand
 - NovAtel **.log**
 - Hemisphere GNSS **.bin**
 - Altus **.sbf**
 - Javad **.bin**
- Provides a straightforward, workflow-oriented user interface including an overview map and observation files, computed vectors, and positions presented in fully functional spreadsheet-like grids
- Incorporates a proven state of the science, highly autonomous baseline processor offering on-the-fly ambiguity resolution, automated cycle slip detection / removal, and more for baselines up to 200km (125mi)
- Automated search and retrieval of reference geodetic control and GNSS observations from organizations such as the US National Geodetic Survey and Continuously Operating Reference Station (CORS) networks
- Rigorous least squares adjustment of all computed vectors
- Seamless integration with downstream applications from Carlson and other vendors
- Ready for the future: support of Galileo, Bediou and Juntenco signals as soon as these become commercially available

*Carlson SurveyGNSS is developed in strong partnership with WaSoft of Dresden, Germany, and its proven line of GNSS software technologies.

Stop and Go
rover points
for topo survey



View with
processed
vectors and
choice of items
to display

To Antenna Height [m]	Length [m]	Solution	Quality	PDOP	U-Vector [cm]	S	Solution	Satellites	Fixed Ambiguities	R
2.067	0.168	FixedL1	high	1.8	0.36	1.200	6	100.0	0	<input checked="" type="checkbox"/> From File
2.067	0.171	FixedL1	high	1.8	0.13	6.400	6	100.0	0	<input checked="" type="checkbox"/> From Antenn Height [m]
2.067	0.178	FixedL1	high	1.8	0.07	0.200	6	100.0	0	<input checked="" type="checkbox"/> To File
2.067	0.178	FixedL1	high	1.8	0.07	0.200	6	100.0	0	<input checked="" type="checkbox"/> To Antenn Height [m]
2.067	0.178	FixedL1	high	1.8	0.01	0.000	6	100.0	0	<input checked="" type="checkbox"/> Length [m]
2.067	0.178	FixedL1	high	1.8	0.83	2.700	6	100.0	0	<input checked="" type="checkbox"/> Solution
2.067	0.184	FixedL1	high	1.8	0.25	0.800	6	100.0	0	<input checked="" type="checkbox"/> PDOP
2.067	0.193	FixedL1	high	1.7	0.56	1.900	6	100.0	0	<input checked="" type="checkbox"/> U-Vector (or S, Solution)
2.067	0.184	FixedL1	high	1.7	0.13	0.400	6	100.0	0	<input checked="" type="checkbox"/> Satellites
2.067	0.185	FixedL1	high	1.7	0.09	0.300	6	100.0	0	<input checked="" type="checkbox"/> Fixed Ambiguities
2.067	0.197	FixedL1	high	1.7	0.13	0.400	6	100.0	0	<input checked="" type="checkbox"/> Reweighted Observations
2.067	0.191	FixedL1	high	1.7	0.29	1.000	6	100.0	0	<input checked="" type="checkbox"/> Δx [m]
2.067	0.184	FixedL1	high	1.7	0.28	0.800	6	100.0	0	<input checked="" type="checkbox"/> Δy [m]
2.067	0.203	FixedL1	high	1.7	0.09	0.300	6	100.0	0	<input checked="" type="checkbox"/> Δz [m]
2.067	0.194	FixedL1	high	1.7	0.21	0.700	6	100.0	0	<input checked="" type="checkbox"/> Δx [cm]
2.067	0.198	FixedL1	high	1.7	0.28	0.900	6	100.0	0	<input checked="" type="checkbox"/> Δy [cm]
2.067	0.193	FixedL1	high	1.7	0.55	1.800	6	100.0	0	<input checked="" type="checkbox"/> Δz [cm]
2.067	0.203	FixedL1	high	1.7	0.14	0.500	6	100.0	0	<input checked="" type="checkbox"/> Δx [mm]
2.067	0.202	FixedL1	high	1.7	0.29	1.000	6	100.0	0	<input checked="" type="checkbox"/> Δy [mm]
2.067	0.203	FixedL1	high	1.7	0.22	0.700	6	100.0	0	<input checked="" type="checkbox"/> Δz [mm]

Supported
export format

To Antenna Height [m]	Length [m]	Solution	Quality	PDOP	U-Vector [cm]	S	Solution	Satellites	Fixed Ambiguities	R
2.067	0.170	FixedL1	high	1.8	0.01	0.000	6	100.0	0.0	
2.067	0.178	FixedL1	high	1.8	0.83	2.700	6	100.0	0.0	
2.067	0.184	FixedL1	high	1.8	0.25	0.800	6	100.0	0.0	
2.067	0.193	FixedL1	high	1.7	0.56	1.900	6	100.0	0.0	
2.067	0.184	FixedL1	high	1.7	0.13	0.400	6	100.0	0.0	
2.067	0.185	FixedL1	high	1.7	0.09	0.300	6	100.0	0.0	
2.067	0.197	FixedL1	high	1.7	0.13	0.400	6	100.0	0.0	
2.067	0.191	FixedL1	high	1.7	0.29	1.000	6	100.0	0.0	
2.067	0.184	FixedL1	high	1.7	0.28	0.800	6	100.0	0.0	
2.067	0.203	FixedL1	high	1.7	0.09	0.300	6	100.0	0.0	
2.067	0.194	FixedL1	high	1.7	0.21	0.700	6	100.0	0.0	
2.067	0.198	FixedL1	high	1.7	0.28	0.900	6	100.0	0.0	
2.067	0.193	FixedL1	high	1.7	0.55	1.800	6	100.0	0.0	
2.067	0.203	FixedL1	high	1.7	0.14	0.500	6	100.0	0.0	
2.067	0.202	FixedL1	high	1.7	0.29	1.000	6	100.0	0.0	
2.067	0.203	FixedL1	high	1.7	0.22	0.700	6	100.0	0.0	

