Simple, Yet Powerful Data Post-Processing Solution

- 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







Carlson ...For the Total Project

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 - Hemisphere GNSS .bin based on manufacturer cooperation and/or

customer demand

- Altus .sbf - Javad .bin

- NovAtel .log

- 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 Juntencho 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

Map Observations Rectors			Positions							
To Antenna Height (m)	Length (km) -	Solution	Quality	PDOP	a. Vector (cm)	σ, Solution	Satelites	Fixed Ambiguities	Re	From
2.057	0.168	FixedL1	high	1.8	0.35	1.200	6	100.0	0.	💽 From File
2.067	0.171	FixedL1	high	1.8	0.13	0.400	6	100.0	Q.	From Anton
2.067	0.175	FixedL1	high	1.8	0.07	0.200	6	100.0	Q.	Height [m]
2.067	0.178	FixedL1	high	1.8	0.07	0.200	8	100.0	0.1	
2.007	0.178	FixedL1	high	1.8	0.01	0.000	6	100.0	0.	To Antenna
2.067	0.178	FixedL1	high	1.8	0.83	2.700	6	100.0	0,	Height [n] C Length (km) Solution Quality PDOP
2.067	0.184	FixedL1	high	1.8	0.25	0.800	6	100.0	0.	
2.067	0.183	FixedL1	high	1.7	0.56	1.900	8	100.0	0.	
2.067	0.184	FixedL1	high	1.7	0.13	0.400	6	100.0	0.	
2.067	0.185	ForedL1	high	1.7	0.09	0.300	6	100.0	0.	🗹 a. Vector [
2.007	0.167	FixedL1	high	1.7	0.13	0.400	6	100.0	0.	Satellites
2.067	0.191	FixedL1	high	1,7	0.29	1.000	6	100.0	0.	
2.067	0.194	FixedL1	high	1.7	0.26	0.800	6	100.0	0.	Ambiguities
2.067	0.203	ForedL1	high	1.7	0.09	0.300	6	100.0	0.	Coservations
2.067	0.194	FoxedL1	high	1.7	0.21	0.700	6	100.0	0.	🗹 Δx (m)
2.067	0.195	FixedLt	high	1.7	0.28	0.900	6.	100.0	0.	🗹 Ay (m)
2.067	0.193	ForedL1	high	1.7	0.55	1,800	6	100.0	0.	
2.067	0.203	FixedL1	high	1.7	0.14	0.500	6	100.0	0.	🗹 σΔx (cm) 📝 σΔy (cm) 📝 σΔz (cm)
2.067	0.202	FixedL1	high	1.7	0.29	1.000	8	100.0	0.	
2.067	0.203	FixedL1	high	1.7	0.22	0.700	6	100.0	0.	🗷 ράχου
				.81						🗹 ράχάτ
B B B B Show	ving all 41 rows									ράγάτ
1					m.)		_		_	

Supported export format

D New Open D Close	10	s 📑 Vectors 📑 Positions 🔹									
	ngth (kim	ngth (km) - Solution		PDOP	a. Vector (cm)	σ_{\star} Solution	Satelites	Fixed Ambiguities	Reweighted Observation		
Silve As	Ope	OpenGIS® KML Encoding Standard CandXML® Encoding Standard					6	100.0	0.0	*	
Save Adjustment	🙆 Lan						6	100.0	0.0		
Recent Projects Kul	• 🚯 Car	Ison CRDB			7	0.200	6	100.0	0.0		
	100 C.I/	Ison RWA				0.200	8	100.0	0.0		
2.067	0.178	FixedL1	high	1.8	0.01	0.000	8	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	0.183	FixedL1	high	1.7	0.56	1.900	8	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	ForedL1	high	1.7	0.09	0.300	8	100.0	0.0		
2.007	0.167	ForedL1	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	0.194	FixedL1	high	1.7	0.26	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	FoxedL1	high	1.7	0.21	0.700	6	100.0	0.0		
2.067	0.195	ForedL1	high	1.7	0.28	0.900	6	100.0	0.0		
2.067	0.193	ForedL1	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	8	100.0	0.0		
2.067	0.203	FixedL1	high	1.7	0.22	0.700	6	100.0	0.0		
· · · · · · · · · · · · · · · · · · ·										1	
Show	ving all 41 roy	we							00C	9	
1			_		m					1	

Carlson Software Inc. 102 West 2nd Street • Maysville, KY 41056, USA 800-989-5028 • 606-564-5028 • www.carlsonsw.com

Since 1983

