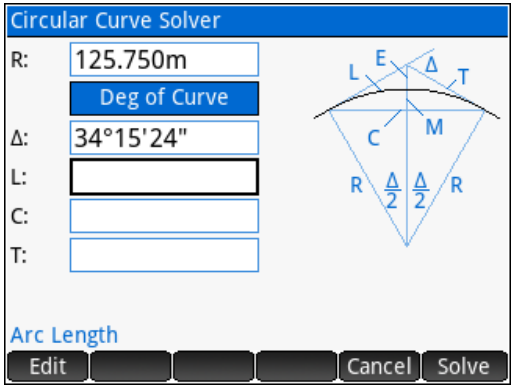

Typical input form

Why choose SGS Prime COGO from Simple Geospatial Solutions?

1. Includes many features not available in some desktop CAD packages
2. The portability and convenience of having the software installed on a graphing calculator
3. Ability to transfer files from a PC to the calculator and vice versa
4. Ability to install the software on virtual HP Prime calculators for Windows, MacOS, iOS and Android
5. Direct contact with the developer to discuss feature requests, make suggestions, or ask questions
6. Great value!

Discounts are available for volume sales, please contact us for more details.

Who We Are

About Us

Simple Geospatial Solutions was founded by Jacob Wall in 2011. Jacob is a licensed British Columbia Land Surveyor operating a private practice in West Kelowna, BC, CANADA. Writing software for the HP graphing calculators has been a passion for Jacob since 2006 when he got his first HP calculator, the HP 49g+, while studying at Red River College in Winnipeg, MB.

Contact Us

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Geospatial Solutions

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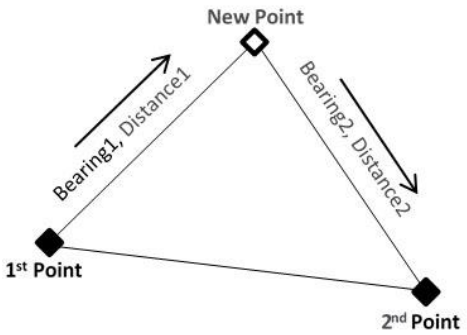
SGS PRIME COGO

By Simple Geospatial Solutions

Land Surveying and Civil Engineering Software for HP Graphing Calculators



Presenting SGS Prime COGO

A powerful coordinate geometry package designed for HP Prime graphing calculators. The combination of features, price and portability makes the software an ideal tool for students and professionals.

Feature Highlights

- COGO and Intersections to calculate and store point coordinates
- Inverse points, curves, angles, point to line, point to curve, point to alignment
- Area by Points, and area subdivisions
- Closure calculations
- Best fit points to a line or curve
- Compass rule adjustments
- Rotate/mirror/shift/scale points
- Helmert coordinate transformations
- 3D traverse calculations
- Leveling calculations
- Complex 3D alignments
- Triangle and Hz+Vt curve solvers
- Convert geodetic to/from grid coordinates

We have a reputation for quality

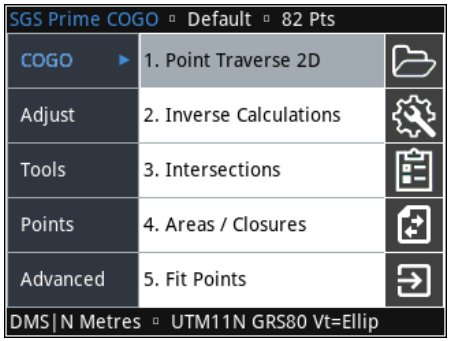
Prior to the development of SGS Prime COGO, we created SGS COGO+ for the HP 50g graphing calculators. SGS Prime COGO is modelled after the SGS COGO+ package but redesigned to take full advantage of the HP Prime hardware.

A quote from a former student in Alberta Canada who used the SGS COGO+ software during their studies.

"COGO+ was an invaluable tool during my time as a geomatics engineering student. Simply put, it made learning intuitive and fun."

We have clients in multiple industries from across the world including:

- Land surveying and civil engineering firms
- State and provincial departments of transportation
- Post-secondary institutions
- Individuals in the surveying industry
- Students of surveying programs
- Architects, hobbyists, and many more



The main user interface of COGO+

The integrated user interface creates an easy to navigate menu system from which all the features can be accessed by touch or by using the keypad. Available in English, Spanish, French, German and Portuguese.

Products and Services

SGS Prime COGO is available in three different configurations with different features included at each level:

- Lite – A low-cost package that includes all the basics – MSRP $50 CAD
- Standard – Priced at $120 CAD, this package adds the ability to import and export files, and includes more functionality than the Lite version
- Professional – Priced at $210 CAD, this package features the full set of applications and is our most popular package

Full customer support is included for all configurations. Training and custom tutorials can be provided upon request for a negotiable fee.