

SISTEMAS TOPOGRÁFICOS DIGITALES

VENTA, MANTENIMIENTO Y CAPACITACIÓN DE EQUIPO TOPOGRÁFICO DE PRECISIÓN.

LAT: 19°33'07" LONG: 96°54'39" WGS 84

SOKKIA

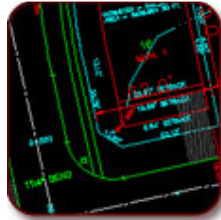
TOPCON

MAGELLAN

GARMIN

:: Top 10 Features of MicroSurvey CAD

1



Integrated Survey, Design and CAD

- Download, Calculate, Design, Draft, Check and Print - all incorporated into a productive field-to-finish package
- Familiar command line interface. Anyone trained in AutoCAD will be instantly productive with MicroSurvey CAD
- All concepts are easy to understand - OSNAPS, coordinates, editing commands - trim, move, copy, scale, fillet, rotate all work with the same basic prompts as AutoCAD!
- AutoCAD Compatible: MicroSurvey CAD is compatible with AutoCAD R2.5-2009 DWG files. DWG is the native format for all MicroSurvey CAD drawing files. No conversions are ever necessary!

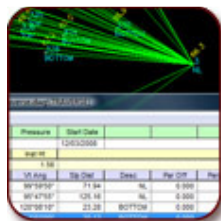
2



Powerful Survey Calculations

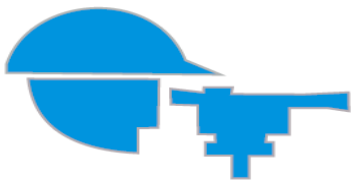
- COGO – MicroSurvey has the simplest, most productive COGO entry inside a CAD system. Record all of your COGO entries automatically with our Batch system. Edit the Batch with a spreadsheet style editor and reprocess!
- Data Collector Communication: MicroSurvey CAD is designed to work with data from all major total stations & data collectors
- Helmerts Transformation
- Multi-point averaging, cluster analysis, right of ways, areas, fixed areas, mass intersections, multiple perpendicular ties, stake computations, the list is endless...
- Coordinate Transformations – Easily transform data from one system to another. (UTM, State Plane, MTM ...)

3



Complete Traverse or Network Adjustments

- Angle Balance
- Transit, Compass, Crandall's Classical Methods
- Vertical Balance
- Full 3D Least Squares Adjustment
- Blunder Detection
- Instrument Storage
- Graphical ellipse display
- Reprocessing and pre-analysis



SISTEMAS TOPOGRÁFICOS DIGITALES

VENTA, MANTENIMIENTO Y CAPACITACIÓN DE EQUIPO TOPOGRÁFICO DE PRECISIÓN.

LAT: 19°33'07" LONG: 96°54'39" WGS 84

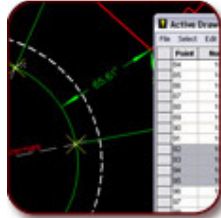
SOKKIA

TOPCON

MAGELLAN

GARMIN

4

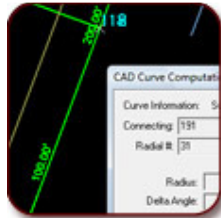


Active Drawing Technology

MicroSurvey's Active Drawing Technology is a new and efficient way to work with your survey data. Enables verification, editing, printing and manipulation of data in the drawing, in the coordinate and traverse databases, and during COGO calculations

- Active Coordinate Editor
- Active Traverse Editor
- Active Batch COGO

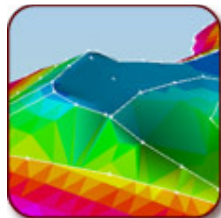
5



Smart Information

- Smart Objects: lines, points, curves and text
- Pick and edit objects automatically without initiating a command
- Browse the entire coordinate database by simply picking any point in your drawing

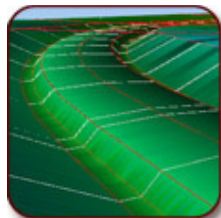
6



Powerful DTM Contouring/Modeling Volumes

- 3D rendering
- Virtually unlimited point capability
- Simple to use: create a DTM and contour in four simple steps

7



Complete Site Design

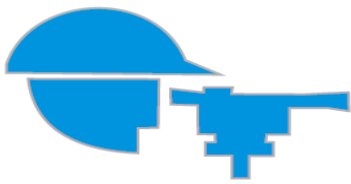
- Site Design: Ponds, ditches, stockpiles and slopes
- Road Design: Horizontal and Vertical Alignments, Cross Sectional Templates
- Create cross sections of existing ground and design surfaces

8



Learning Resources

- 12 hours of built-in training movies equivalent to thousands of pages of documentation
- Complete CAD documentation with movie links
- Context-sensitive Html Help Menu system - the easiest system to use



SISTEMAS TOPOGRÁFICOS DIGITALES

VENTA, MANTENIMIENTO Y CAPACITACIÓN DE EQUIPO TOPOGRÁFICO DE PRECISIÓN.

LAT: 19°33'07" LONG: 96°54'39" WGS 84

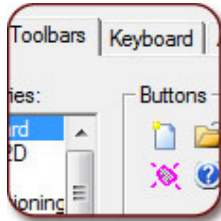
SOKKIA

TOPCON

MAGELLAN

GARMIN

9



Customizable Interface and Commands

- Completely customizable user interface
- Toolbars - can be arranged with "drag and drop" functionality
- Menus - can be re-organized with our graphical menu editor
- Screen - items can be turned off for more graphics area
- Layout - of command window - top or bottom

10



Quality Tools for Excellent Value

- Full featured software program for greater efficiency at a lower price
- USB Keys for license flexibility
- Share a key with other users, take it home, run in your laptop and desktop just by moving the key
- MicroSurvey License Server automatically connects to users in an office - store all your licenses on a single key connect to any machine