

2004 Miscellaneous Software Survey

| Program/Version | COLUMBUS 3.5 | Carlson Software Investigations 4.0 | CEDRA AVwater | CEDRA AVsand | PenMap | SAMPro 6.0 | Summit Evolution | StereoCapture [1] | ASTRO*DISK83 |
|--|-------------------------|-------------------------------------|-------------------|-------------------|--------------------------------|------------------|------------------|----------------------------|--------------|
| Manufacturer/Distributor | Best-Fit Computing Inc. | Carlson Software | CEDRA Corporation | CEDRA Corporation | Condor Earth Technologies Inc. | Data-Basics Inc. | DAT/EM Systems | DAT/EM Systems | EKSI [1] |
| Manufacturer's phone number | 503/531-8819 | 606/564-5028 | 585/232-6998 | 585/232-6998 | 209/532-0361 | 800/837-7574 | 907/522-3681 | 907/522-3681 | 573/364-4785 |
| Cost | \$295 [1] | \$1,495 | Contact vendor | Contact vendor | Contact vendor | Contact DB | N/A | Contact DAT/EM | \$150 |
| Technical Support policy (for options, see notes) | Yes [2] | Free | [1] | [1] | Yes | Yes | Yes | 1 year provided [2] | [2] [3] |
| Are Multi-License discounts available? | Yes [3] | No | Yes | Yes | Yes | Yes | Yes | Yes, with Summit Evolution | Yes |
| Can individual modules be purchased separately? | N/A | N/A | Yes | Yes | N/A | N/A | Yes | Yes, with Summit Evolution | No |
| Operating Systems | | | | | | | | | |
| - Windows 98 | Yes | Yes | Yes | Yes | Yes | Yes | No | No | [4] |
| - Windows 2000 | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | [4] |
| - Windows XP | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | [4] |
| - UNIX | No | No | Yes | Yes | | No | No | No | |
| - Other (specify) | N/A | | | | | | N/A | No | DOS [4] |
| - Provide file locking for network use? | Yes | Yes | N/A | N/A | No | Yes | Yes | No | N/A |
| - CAD program required for its operation? | No | No | No | No | No | N/A | Yes | Yes [3] | N/A |
| - Will it produce a complete drawing? | N/A | Yes | Yes | Yes | Yes | N/A | Yes | Yes | N/A |
| - Is the database double precision? | N/A | Yes | Yes | Yes | Yes | N/A | Yes | Yes | Yes |
| - Does program have 3D editing capability? | N/A | No | Yes | Yes | Yes | N/A | Yes | Yes | N/A |
| - COGO capabilities? | Yes | No | Yes | Yes | Yes | N/A | Yes | Yes, w/ ArcGIS | N/A |
| - Traverse Adjustment? | Yes | No | [2] | [2] | Yes | N/A | Yes | Yes | N/A |
| - Crandall | No | No | [2] | [2] | | N/A | No | Yes | |
| - Compass | No | No | [2] | [2] | | N/A | No | Yes | |
| - Transit | No | No | [2] | [2] | | N/A | No | Yes | |
| - Least squares | Yes | No | [2] | [2] | Yes | N/A | Yes | Yes | |
| - Legal Description Writer? | N/A | No | N/A | N/A | No | N/A | No | No | N/A |
| - Contouring Capabilities? | N/A | Yes | Yes | Yes | Yes | N/A | Yes | Yes | N/A |
| - Feature Mapping | | | [3] | [3] | | N/A | | Yes | N/A |
| - User-defined feature codes? | Yes | Yes | [3] | [3] | Yes | N/A | Yes | Yes | |
| - Field-issued commands trigger program functions? | No | Yes | [3] | [3] | Yes | N/A | Yes | Yes | |
| - DTM capabilities? | No | Yes | [3] | [3] | Yes | N/A | Yes | Yes | No |
| - Multiple surfaces? | No | No | [3] | [3] | Yes | N/A | Yes | Yes | |
| - Generate new surface based on two or more existing surfaces? | No | No | [3] | [3] | | N/A | Yes | Yes | |
| - Earthwork? | No | No | [3] | [3] | No | N/A | Yes | Yes | No |
| - Design capabilities? | Yes, pre-analysis | No | Yes | Yes | No | N/A | Yes | Yes | No |
| Customizing Abilities | | | | | | | | | |
| - Menus | No | No | Yes | Yes | Yes | Yes | Yes | Yes | No |
| - Symbols (blocks) | Yes | Yes | Yes | Yes | Yes | N/A | Yes | Yes | No |
| - Line Types | Yes | No | Yes | Yes | Yes | N/A | Yes | Yes | No |
| - Hatches | N/A | No | Yes | Yes | Yes | N/A | Yes | Yes | No |
| - Fonts | N/A | No | Yes | Yes | Yes | Yes | Yes | Yes | No |
| - Keystroke recording | N/A | No | Yes | Yes | No | No | Yes | Yes | No |
| - Batch files | N/A | No | Yes | Yes | No | Yes | Yes | Yes | Yes |
| - Keyboard macros | N/A | No | Yes | Yes | No | No | Yes | No | No |
| Programming Languages | | | | | | | | | |
| - C | N/A | Yes | Yes | Yes | | | Yes | | |
| - C++ | Yes | Yes | Yes | Yes | | | Yes | Yes | |
| - VBA | N/A | Yes | Yes | Yes | | | No | Yes | |
| - Basic | N/A | No | Yes | Yes | | | No | | |
| - Other (please specify) | N/A | | [4] | [4] | | Smalltalk, JAVA | N/A | | FORTRAN |
| - Graphics display | Yes | Yes | Yes | Yes | | N/A | Yes | Yes | |
| - Graphical analysis ability | Yes | Yes | Yes | Yes | | N/A | Yes | Yes | No |
| - Associative design functions | No | No | Yes | Yes | | N/A | Yes | | No |
| - Associative annotations | No | Yes | Yes | Yes | | N/A | Yes | Yes | No |
| File Import Ability | | | | | | | | | |
| - ASCII coordinate file | Yes | Yes | Yes | Yes | Yes | N/A | Yes | Yes | Yes |
| - Raw data collector files | Yes | Yes | N/A | N/A | Yes | N/A | Yes | No | No |
| - Direct connect to total stations & GPS | No | No | N/A | N/A | Yes | N/A | No | No | No |
| - Drawing files: If yes, DXF, DWG or DGN? | No | DXF, DWG | [5] | [5] | DXF | N/A | Yes, all 3 | Yes, DXF, DWG, DGN | No |
| - XML compatible? | No | No | No | No | No | Yes | No | No | N/A |
| File Export Ability | | | | | | | | | |
| - ASCII Coordinate File | Yes | Yes | Yes | | Yes | N/A | Yes | Yes | Yes |
| - Drawing files: If yes, DXF, DWG or DGN? | DXF | DXF, DWG | [6] | [6] | DXF | N/A | Yes, all 3 | Yes, DXF, DWG, DGN | No |
| - XML compatible? | Yes | No | No | No | No | N/A | | | N/A |
| - Links to external database | No | No | Yes | Yes | No | N/A | Yes | Yes | No |
| Reader Service Number | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |

Numbers in brackets refer to notes (see page 47). N/A = Not Applicable

2004 Miscellaneous Software Survey

| Program/Version | ASTRO*CARD | SPC83*CARD | Legal-Aid 2005 | LDD Training | Info-Retriever 2005 | ProCogo 2004 | Grapher | I-SITE Studio 2.4 | Palm Cogo (handheld) |
|--|----------------|----------------|-------------------|-------------------|---------------------|-------------------|----------------------|---------------------------|--------------------------|
| Manufacturer/Distributor | EKSI [1] | EKSI [1] | Emerald Data Inc. | Emerald Data Inc. | Emerald Data Inc. | Emerald Data Inc. | Golden Software Inc. | I-SITE | QuickCogo Software |
| Manufacturer's phone number | 573/364-4785 | 573/364-4785 | 800/548-9223 | 800/548-9223 | 800/548-9223 | 800/548-9223 | 303/279-1021 | [1] | 801/254-7181 |
| Cost | \$175 | \$99 | \$395 | Varies | \$395 | \$295 | \$299 | \$23,700 | \$49/\$19 w/QuickCogo |
| Technical Support policy (for options, see notes) | [2] [3] | [3] [5] | [1] | [1] | [1] | [1] | Free unlimited | 2 | Free via phone or E-mail |
| Are Multi-License discounts available? | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Can individual modules be purchased separately? | No | No | N/A | Yes | N/A | Yes | Yes | No | N/A |
| Operating Systems | | | | | | | | | |
| - Windows 98 | | | Yes | Yes | Yes | Yes | Yes | No | No |
| - Windows 2000 | | | Yes | Yes | Yes | Yes | Yes | Yes | No |
| - Windows XP | | | Yes | Yes | Yes | Yes | Yes | Yes | No |
| - UNIX | | | No | No | No | No | No | No | No |
| - Other (specify) | HP48 | HP48 | N/A | N/A | N/A | N/A | Windows Me | No | Palm OS 3.1 and higher |
| - Provide file locking for network use? | N/A | N/A | N/A | N/A | Yes | N/A | No | No | N/A |
| - CAD program required for its operation? | N/A | N/A | [2] | No | No | No | No | None | No |
| - Will it produce a complete drawing? | N/A | N/A | N/A | N/A | N/A | No | Yes | No | No |
| - Is the database double precision? | N/A | N/A | Yes | N/A | Yes | Yes | Yes | Yes | Yes |
| - Does program have 3D editing capability? | N/A | N/A | N/A | N/A | N/A | Yes | No | Yes | Yes |
| - COGO capabilities? | N/A | N/A | N/A | N/A | N/A | Yes | No | Yes | Yes |
| - Traverse Adjustment? | N/A | N/A | N/A | N/A | N/A | Yes | No | | Compass only |
| - Crandall | | | N/A | N/A | N/A | Yes | No | No | No |
| - Compass | | | N/A | N/A | N/A | Yes | No | No | Yes |
| - Transit | | | N/A | N/A | N/A | Yes | No | No | Yes |
| - Least squares | | | N/A | N/A | N/A | No | No | No | No |
| - Legal Description Writer? | N/A | N/A | Yes | N/A | N/A | Yes [3] | No | No | No |
| - Contouring Capabilities? | N/A | N/A | N/A | N/A | N/A | Yes [4] | No | Yes | No |
| - Feature Mapping | N/A | N/A | N/A | N/A | N/A | No | | | |
| - User-defined feature codes? | | | N/A | N/A | N/A | No | No | No | No |
| - Field-issued commands trigger program functions? | | | N/A | N/A | N/A | No | No | No | Yes |
| - DTM capabilities? | No | No | N/A | N/A | N/A | Yes [4] | | | No |
| - Multiple surfaces? | | | N/A | N/A | N/A | Yes [4] | No | Yes | No |
| - Generate new surface based on two or more existing surfaces? | | | N/A | N/A | N/A | No | No | Yes | |
| - Earthwork? | No | No | N/A | N/A | N/A | No | No | Yes | No |
| - Design capabilities? | No | No | N/A | N/A | N/A | No | Yes | Yes | No |
| Customizing Abilities | | | | | | | | | |
| - Menus | No | No | No | No | No | No | Yes | No | No |
| - Symbols (blocks) | No | No | No | No | No | No | Yes | No | No |
| - Line Types | No | No | No | No | No | No | Yes | No | No |
| - Hatches | No | No | No | No | No | No | No | No | No |
| - Fonts | No | No | Yes | No | Yes | No | Yes | Yes | No |
| - Keystroke recording | No | No | No | No | No | No | No | No | No |
| - Batch files | Yes | No | No | No | No | [5] | Yes | No | No |
| - Keyboard macros | No | No | No | No | No | No | No | No | No |
| Programming Languages | | | | | | | | | |
| - C | | | No | No | No | No | Yes | No | No |
| - C++ | | | No | No | No | No | Yes | No | No |
| - VBA | | | No | No | No | No | Yes | No | No |
| - Basic | | | No | No | No | No | Yes | No | |
| - Other (please specify) | R. Polish LISP | R. Polish LISP | No | No | No | No | Any ActiveX | No | Appforge |
| - Graphics display | | | No | Yes | Yes | Yes | Yes | 3D interactive | Yes |
| - Graphical analysis ability | No | No | No | N/A | N/A | No | Yes | Yes | No |
| - Associative design functions | No | No | N/A | N/A | N/A | No | Yes | No | No |
| - Associative annotations | No | No | N/A | N/A | N/A | No | No | No | No |
| File Import Ability | | | | | | | | | |
| - ASCII coordinate file | Yes | Yes | [6] | N/A | N/A | Yes | Yes | Yes | Yes |
| - Raw data collector files | No | No | N/A | N/A | N/A | No | No | Yes (from laser scanners) | No |
| - Direct connect to total stations & GPS | No | No | N/A | N/A | N/A | No | No | No | No |
| - Drawing files: If yes, DXF, DWG or DGN? | No | No | N/A | N/A | N/A | DXF | DXF | Yes, DXF, DGD | No |
| - XML compatible? | N/A | N/A | No | N/A | No | No | No | No | No |
| File Export Ability | | | | | | | | | |
| - ASCII Coordinate File | Yes | Yes | No | N/A | N/A | Yes | Yes | Yes | Yes |
| - Drawing files: If yes, DXF, DWG or DGN? | No | No | N/A | N/A | N/A | DXF | DXF | DXF, DGD | No |
| - XML compatible? | N/A | N/A | No | N/A | No | No | No | No | No |
| - Links to external database | No | No | N/A | N/A | [7] | N/A | No | No | No |
| Reader Service Number | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |

Numbers in brackets refer to notes (see page 47). N/A = Not Applicable

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| Program/Version | PocketCogo | QuickCogo Windows | STAR*NET V6 | STAR*NET-LEV V6 | STAR*NET-PLUS V6 | STAR*NET-PRO V6 | TECH-MAC-2003 | Tech-Con V5.0 | TPC Desktop Real Estate | TPC Desktop Basic |
|--|--------------------|--------------------------|-------------------|-------------------|-------------------|-------------------|-------------------------|-------------------------|-------------------------|-----------------------|
| Manufacturer/Distributor | QuickCogo Software | QuickCogo Software | Starplus Software | Starplus Software | Starplus Software | Starplus Software | Technical Advisors Inc. | Technical Advisors Inc. | Traverse PC | Traverse PC |
| Manufacturer's phone number | 801/254-7181 | 801/254-7181 | 510/653-4836 | 510/653-4836 | 510/653-4836 | 510/653-4836 | 800/521-9958 | 800/521-9958 | 800/460-3002 Ext. 251 | 800/460-3002 Ext. 251 |
| Cost | 49 | \$84 E-mail, \$89 CD | \$795 | \$495 | \$995 | \$1,595 | \$495 | | \$199 [1][2] | \$549 [1][2] |
| Technical Support policy (for options, see notes) | Free | Free via phone or E-mail | [1] | [1] | [1] | [1] | Free | Free | [4][5][6][7][8] | [4][5][6][7][8] |
| Are Multi-License discounts available? | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes [9] | Yes [9] |
| Can individual modules be purchased separately? | N/A | N/A | N/A | N/A | N/A | N/A | No | No | Complete | Complete |
| Operating Systems | | | | | | | | | | |
| - Windows 98 | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| - Windows 2000 | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| - Windows XP | Yes | Yes | Yes | | | | Yes | Yes | Yes | Yes |
| - UNIX | No | No | | | | | No | No | No | No |
| - Other (specify) | | | Windows NT | Windows NT | Windows NT | Windows NT | | DOS | Win NT/ME | Win NT/ME |
| - Provide file locking for network use? | No | N/A | Yes | Yes | Yes | Yes | Yes | No | Yes | Yes |
| - CAD program required for its operation? | No | No | N/A | Yes | Yes | Yes | No | No | No [10] | No [10] |
| - Will it produce a complete drawing? | No | No | Yes | N/A | N/A | N/A | Yes | Yes | Yes | Yes |
| - Is the database double precision? | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| - Does program have 3D editing capability? | No | Yes | Yes | Yes | Yes | Yes | No | Yes | Yes | Yes |
| - COGO capabilities? | Yes | Yes | N/A | Yes | Yes | Yes | Yes | No | Yes | Yes |
| - Traverse Adjustment? | | Yes | Yes | Yes | Yes | Yes | | | No | Yes |
| - Crandall | | No | | N/A | N/A | N/A | Yes | No | No | Yes |
| - Compass | Yes | Yes | | | | | Yes | No | No | Yes |
| - Transit | | Yes | | | | | Yes | No | No | Yes |
| - Least squares | | No | [2] | [2] | [2] | [2] | No | No | No | No |
| - Legal Description Writer? | No | No | | | | | Yes | No | No | No |
| - Contouring Capabilities? | No | No | | | | | No | Yes | No | No |
| - Feature Mapping | | | | | | | No | Yes | No | No |
| - User-defined feature codes? | No | No | | | | | No | Yes | No | No |
| - Field-issued commands trigger program functions? | No | Yes | | | | | No | No | No | No |
| - DTM capabilities? | No | No | | | | | No | Yes | No | No |
| - Multiple surfaces? | | No | | | | | No | Yes | No | No |
| - Generate new surface based on two or more existing surfaces? | | | | | | | | Yes | No | No |
| - Earthwork? | No | No | | | | | Yes | Yes | No | No |
| - Design capabilities? | No | No | | | | | No | Yes | No | Yes |
| Customizing Abilities | | | | | | | | | | |
| - Menus | | No | | | | | Yes | Yes | Yes | Yes |
| - Symbols (blocks) | | No | | | | | No | Yes | No | No |
| - Line Types | | No | | | | | Yes | Yes | Yes | Yes |
| - Hatches | | No | | | | | No | Yes | Yes | Yes |
| - Fonts | | No | | | | | Yes | Yes | Yes | Yes |
| - Keystroke recording | | No | | | | | Yes | No | Unnecessary [13] | Unnecessary [13] |
| - Batch files | | No | | | | | Yes | Yes | Unnecessary [13] | Unnecessary [13] |
| - Keyboard macros | | No | | | | | No | No | No | No |
| Programming Languages | | | | | | | | | | |
| - C | | No | | | | | Yes | Yes | No | No |
| - C++ | | No | | | | | Yes | Yes | No | No |
| - VBA | | No | | | | | No | No | No | No |
| - Basic | | | | | | | No | No | No | No |
| - Other (please specify) | Embedded VB | Appforge | | | | | | No | N/A | N/A |
| - Graphics display | No | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| - Graphical analysis ability | No | No | Yes | Yes | Yes | Yes | No | No | Yes | Yes |
| - Associative design functions | No | No | | | | | No | No | Yes | Yes |
| - Associative annotations | No | No | | | | | | | Yes | Yes |
| File Import Ability | | | | | | | | | | |
| - ASCII coordinate file | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | No | Yes |
| - Raw data collector files | No | Yes | [3] | [3] | [3] | [3] | No | No | No | Yes [14] |
| - Direct connect to total stations & GPS | No | No | | | | | No | No | No | Yes [16] |
| - Drawing files: If yes, DXF, DWG or DGN? | No | No | DXF | DXF | DXF | DXF | No | No | No | DXF |
| - XML compatible? | No | No | | | | | No | No | No | No |
| File Export Ability | | | | | | | | | | |
| - ASCII Coordinate File | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | No | Yes [14][15] |
| - Drawing files: If yes, DXF, DWG or DGN? | No | No | DXF | DXF | DXF | DXF | Yes | Yes | No | DXF, DXB, DWG |
| - XML compatible? | No | No | | | | | No | No | No | No |
| - Links to external database | No | No | | | | | Yes | Yes | No | No |
| Reader Service Number | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |

Numbers in brackets refer to notes (see page 47). N/A = Not Applicable

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| Program/Version | TPC Desktop Standard | TPC Desktop Professional | Trimble Link |
|--|-----------------------|--------------------------|--------------|
| Manufacturer/Distributor | Traverse PC | Traverse PC | Trimble |
| Manufacturer's phone number | 800/460-3002 Ext. 251 | 800/460-3002 Ext. 251 | 800/538-7800 |
| Cost | \$1,049 [1][2] | \$1,649 [1][2][3] | Free |
| Technical Support policy (for options, see notes) | [4][5][6][7][8] | [4][5][6][7][8] | [1] |
| Are Multi-License discounts available? | Yes [9] | Yes [9] | N/A |
| Can individual modules be purchased separately? | Complete | Complete | No |
| Operating Systems | | | |
| - Windows 98 | Yes | Yes | Yes |
| - Windows 2000 | Yes | Yes | Yes |
| - Windows XP | Yes | Yes | Yes |
| - UNIX | No | No | No |
| - Other (specify) | Win NT/ME | Win NT/ME | |
| - Provide file locking for network use? | Yes | Yes | N/A |
| - CAD program required for its operation? | No [10] | No [10] | No |
| - Will it produce a complete drawing? | Yes | Yes | [2] |
| - Is the database double precision? | Yes | Yes | N/A |
| - Does program have 3D editing capability? | Yes | Yes | No |
| - COGO capabilities? | Yes | Yes | [2] |
| - Traverse Adjustment? | Yes | Yes | [2] |
| - Crandall | Yes | Yes | |
| - Compass | Yes | Yes | |
| - Transit | Yes | Yes | |
| - Least squares | Yes | Yes | |
| - Legal Description Writer? | Yes | Yes | [2] |
| - Contouring Capabilities? | No | Yes | [2] |
| - Feature Mapping | Yes [12] | Yes [12] | |
| - User-defined feature codes? | Yes [12] | Yes [12] | Yes |
| - Field-issued commands trigger program functions? | Yes [12] | Yes [12] | Yes |
| - DTM capabilities? | No | Yes | Yes |
| - Multiple surfaces? | No | Yes | [2] |
| - Generate new surface based on two or more existing surfaces? | No | Yes | [2] |
| - Earthwork? | No | Yes | [2] |
| - Design capabilities? | Yes | Yes | [2] |
| Customizing Abilities | | | |
| - Menus | Yes | Yes | No |
| - Symbols (blocks) | Yes | Yes | No |
| - Line Types | Yes | Yes | No |
| - Hatches | Yes | Yes | No |
| - Fonts | Yes | Yes | No |
| - Keystroke recording | Unnecessary [13] | Unnecessary [13] | No |
| - Batch files | Unnecessary [13] | Unnecessary [13] | No |
| - Keyboard macros | No | No | No |
| Programming Languages | | | |
| - C | No | No | N/A |
| - C++ | No | No | N/A |
| - VBA | No | No | N/A |
| - Basic | No | No | N/A |
| - Other (please specify) | N/A | N/A | |
| - Graphics display | Yes | Yes | [2] |
| - Graphical analysis ability | Yes | Yes | [2] |
| - Associative design functions | Yes | Yes | [2] |
| - Associative annotations | Yes | Yes | [2] |
| File Import Ability | | | |
| - ASCII coordinate file | Yes | Yes | [3] |
| - Raw data collector files | Yes [14][15] | Yes [14][15] | Yes |
| - Direct connect to total stations & GPS | Yes [16][17] | Yes [16][17] | Yes |
| - Drawing files: If yes, DXF, DWG or DGN? | DXF | DXF, DXB, DWG | No |
| - XML compatible? | No | No | [2] |
| File Export Ability | | | |
| - ASCII Coordinate File | Yes [14][15][16] | Yes [14][15][16] | [3] |
| - Drawing files: If yes, DXF, DWG or DGN? | DXF, DXB, DWG | DXF, DXB, DWG | [2] |
| - XML compatible? | No | No | [2] |
| - Links to external database | No | No | [4] |
| Reader Service Number | 29 | 30 | 31 |

Notes

Best-Fit Computing

1. Network and stand-alone versions available; free to educational institutions.
2. Unlimited.
3. Additional licenses \$250 each; reseller discounts available.

Carlson Software

1. Carlson Software Investigation (CSI) 2004 is designed with powerful forensic diagramming capabilities to measure and map crime scenes and traffic accidents.
2. CSI is ideal for city and county police departments, state police and consulting firms engaged in accident reconstruction.
3. Drawing Wizard easily steps the user from downloading to drawing in a matter of seconds.
 - Placement of photo images on the mapped accident scene.
 - Enhanced Accident Reconstruction Toolbox-Report export to Word, simplified report personalization with custom tab labels, and custom user symbol.
 - Multiple undos and redos.
4. A new online word processor streamlines accident narrative.
 - Supports all major brands of data collectors and data collection software including the new Carlson SurvCE and CG Field Plus.
 - Updated database for speed-before-crash determinations, with dimensions on all major vehicles through 2003.
5. Reads and writes true AutoCAD drawings using the built-in AutoCAD 2004 engine.
6. Free demos available through Carlson Software.

CEDRA Corporation

1. Support available on a yearly plan.
2. Traverse Adjustments means available through CEDRA AVcogo.
3. Mapping DTM Earthwork tools available through CEDRA AVland.
4. Avenue.
5. DXF, DGN, DWG.
6. Shape Files, Geodatabases - ArcView/ArcGIS.

DAT/EM

1. For ArcGIS on Summit Evolution.
2. Additional support is provided after the first year; please contact DAT/EM for information.
3. ArcGIS on Windows 2000/XP (ArcView, ArcEditor, or ArcInfo).

EKSI

1. Elgin, Knowles and Senne Inc.
2. Azimuths, sun, polaris, stars, internal ephemeris, years 1965-2010 state plane.
3. Free technical support for all software.
4. Can be run in Windows environment.
5. NAD83 and UTM plane coordinate conversions. Also ground to grid calculations.

Emerald Data

1. 30 days free phone support. E-mail and fax support always free.
2. Requires AutoCAD or ProCogo 2004.
3. With optional Legal-Aid 2004 software.
4. With optional Tin Master software.
5. Can batch process inverse and point listing command.
6. Legal-Aid can import and export ASCII and RTF files. Legal

descriptions can also be cut and pasted into Word, WordPerfect and AutoCAD MTEXT.

7. Can maintain associations and launch external files.

I-SITE

1. 303 763 4919/+618 8338 9222
2. Contact I-SITE for details of technical support, software upgrades and training offered.

Starplus

1. Currently, there is no cost for direct dial phone-in technical help. Minor program updates at no charge when supplied via E-mail or Internet download. Major new version (V5 to V6, etc.) upgrade cost is based on new functionality, generally 15 to 50 percent of list price.
2. All programs listed are special purpose Least Squares network adjustment applications. The STAR*NET standard edition handles 2D/3D networks with conventional observations. Leveling observations can also be included in a 3D network. The LEV edition handles 1D differential leveling networks only. The PLUS edition combines the features of the standard and LEV editions in one program. The high-end PRO edition includes all the above and adds GPS vector handling plus GEOID and deflection modeling.
3. Small utility programs (\$195) are available for the STAR*NET suite to convert raw field data to text input files. These include converters for: TDS, SDR33, SMI, Nikon, Leica/Liscad, Trimble TSC1/TSCe and others for conventional data, and NA2000/3000 and Zeiss DiNi digital levels. Importing of GPS vectors is already built into STAR*NET-PRO for most popular baseline formats including the new Trimble/TDS Survey Pro collector.

Traverse PC

1. Price subject to change without notice.
2. Special pricing may be available.
3. Budget plan pricing available (PSP - Professional Surveyor Plan).
4. Includes 30 days free technical support.
5. Online training available.
6. Technical support available by subscription.
7. Technical support available on a per call basis.
8. TPC Connection available - Includes Technical Support, Training, Learning Guide, Updates, More.
9. Network and site licenses available.
10. Includes the TPC No CAD Zone for CAD free drawing.
11. Least Squares available in version 8.
12. User-defined codes, default code file, multiple code files, create on the fly, edit and sort.
13. Not needed in TPC.
14. Includes SDR and TDS coordinate and raw.
15. Includes SMI coordinate and raw.
16. Includes Nikon, SMI, Leica, Liscad, Pentax, Criterion, and Impulse.
17. Includes Nikon and Garmin GPS waypoints, routes, and tracklogs.

Trimble

1. Support is provided via E-mail support at Trimble.Support@trimble.com.
2. Provided by host software.
3. Proprietary format.
4. Yes, for more information on Trimble Link go to www.trimble.com.

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