

**GeoAnalytika's GeoMap Lite
ESRI's ArcPad
Trimble's TerraSync Pro**

A Product Comparison

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		ArcPad 6.0	TerraSync 2.20		GeoMap Lite v2.0 note: red are advantages over the other products
			Professional	Standard	
Hardware support	Windows CE support	2.11, 2.12, 3.0	2.11, 2.12 3.0 Pocket PC	2.11, 2.12 3.0 Pocket PC	2.11, 2.12, 3.0 Pocket PC
Software features	In-field map display	Yes	Yes	Yes	Yes
	Vector map display	Yes	Yes	No	Yes
	Vector format	.shp	.ssf	.ssf	.shp, CAD dxf
	Need for dedicated Internet Map Server	Yes	Yes	No	No
	Background image map display	Yes	Yes	No	Yes
	Background image format	JPEG, MrSID, .bmp, CADRG	JPEG, MrSID, bmp	N/A	JPEG, .bmp, geotiff ECW
	Coordinate Systems	Lat/Long, UTM (State Plane), others	Lat/Long, UTM (State Plane), others	Lat/Long, UTM (State Plane)	Lat/Long, UTM
	External Sensor Support ⁴	Yes	Yes	No	Yes
GPS Support	GPS Navigation	Yes	Yes	Yes	Yes
	Close-up Navigation Screen	No	Yes	Yes	Yes
	Feature Collection	Yes	Yes	Yes	Yes
	Attribute Collection	Yes	Yes	Yes	Yes
	Data Dictionary Support	No	Yes	Yes	Yes
	Real-time DGPS	Yes	Yes	Yes	Yes
	Post-processed GPS	Yes	Yes	Yes	Yes
	Post-processed Real-time	Yes	Yes	Yes	Yes
	Receiver Control	Yes	Yes	Yes	Yes
	Data Quality Filters	Yes	Yes	Yes	Yes
	Loss of DGPS Warning	Yes	Yes	Yes	Yes
	Repeat Feature	No	Yes	Yes	Yes
	Supported GPS Protocols	NMEA, TSIP, Delorme, Rockwell	TSIP	TSIP	NMEA Delorme Rockwell TSIP coming
	Laser Rangefinder Interface (GPS offsets)	No	Yes	No	Yes
	Hyper linking notes, drawings, voice, photos to features	Yes	Yes	No	Yes
	Velocity Data Filter	Yes	Yes	Yes	Yes
	Segment Line Features	No	Yes	Yes	Yes
	Vertex/Point Averaging	Yes	Yes	Yes	Yes
	Pen Coordinate Input	No	Yes	No	Yes
Data Maintenance	Update Attributes	Yes	Yes	No	Yes
	Update Positions	Yes	Yes	No	Yes
	COGO commands	No	No	No	Yes
	Wireless Technology Use	Yes	Yes	Yes	Yes
GIS Support	Read/Write to Shapefile	Yes	Yes	No	Yes

	Digitizing Capability	Yes	Yes	Yes	Yes
	Export to other data Formats	GIS only	GIS/CAD	GIS/CAD	GIS/CAD
	Georeferencing of Images	Yes(external cost)	Yes (external cost)	Yes(external cost)	Yes(free)
	Traverse/Survey Ops	No	No	No	Yes
COST		US\$495	US\$1495	US\$795	US\$200 !