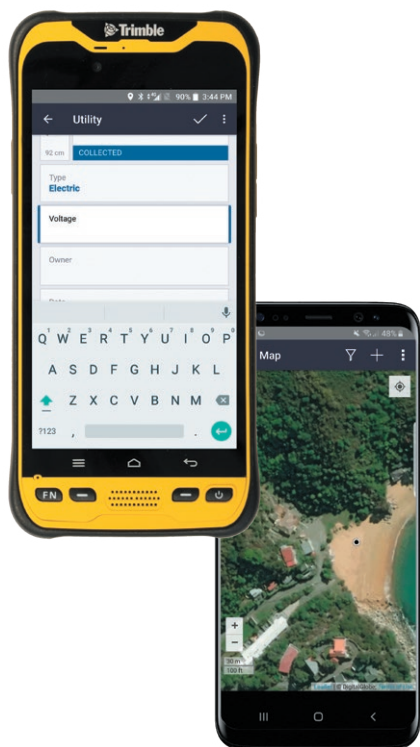


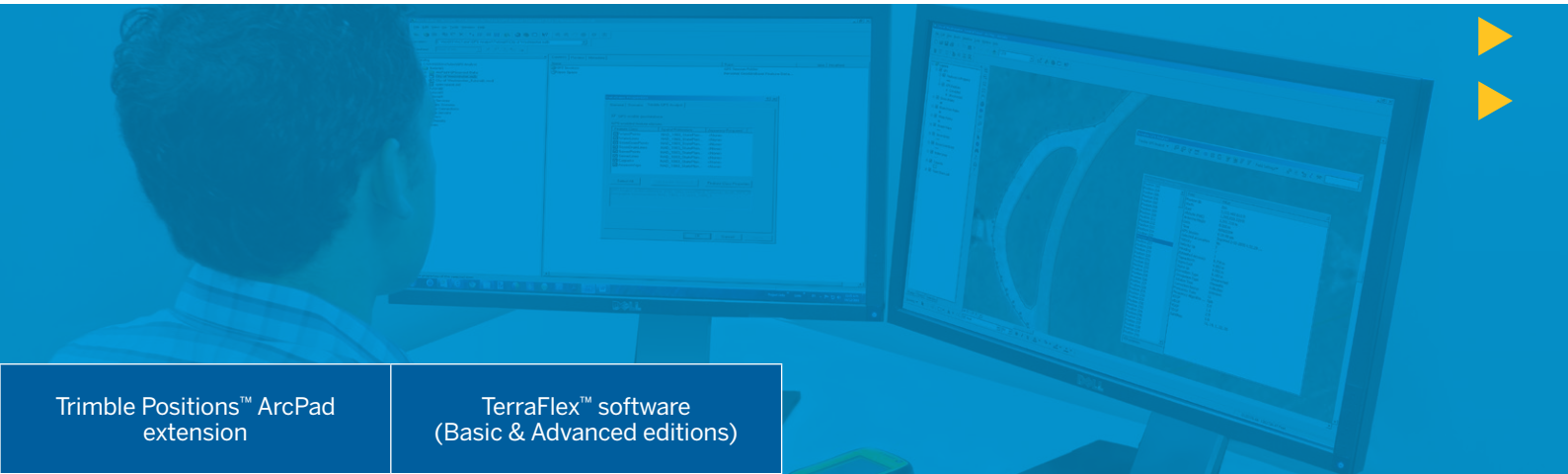


GIS Software Product Comparison

GIS Software Product Comparison

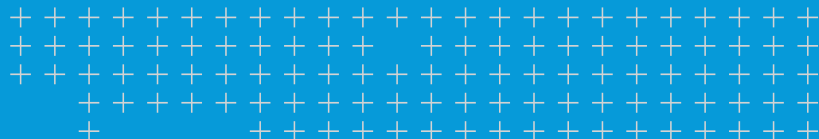


Field Software	TerraSync™ software (Standard, Professional, Centimeter editions)
Data collection	Yes
Data maintenance	Yes (Professional & Centimeter)
QuickPoint™ data collection mode	Yes
Code phase data collection	Yes
H-Star™ data collection	Yes
Carrier phase data collection	Yes
Trimble Catalyst™ support	No
RTK data collection	Yes (Centimeter edition only)
VRS Support	Yes
RTX data collection	Yes
Navigation	Yes
Customization	With TerraSync Studio
Data storage format	Trimble SSF
Field devices	Windows 7/8/10, Windows Mobile version 6, 6.1, 6.5, and 5.0 including all current Trimble Mapping & GIS handhelds
Supported Trimble GNSS receivers	Geo 7X handheld, Juno® 5D handheld, T10 tablet R2 & R1 receivers. Centimeter edition only: 5800 (Model 2), R4 (Model 3), R6 (Models 1, 2, 4), R8 (Models 2, 3, 4), R10 (Model 1) receivers
Coordinate system support	Latitude/Longitude (WGS 84), U.S. State Plane 27 (NADCON – Conus), U.S. State Plane 83 (NAD – Conus), UTM, and hundreds of additional systems are supported
External sensor support	Yes (Professional & Centimeter)
Laser rangefinder support	Yes (Professional & Centimeter)
WMS support	Yes (Professional & Centimeter)
Background layers	Professional & Centimeter only: MrSID (SID), JPEG (JPG) and JPEG2000 (JP2 and J2C), ECW, Bitmap (BMP), TIFF (TIF), Esri Shapefile (SHP), Trimble SSF (SSF)
Simultaneous feature collection	Yes (Points during line/area collection)
Offsets	Yes
Graphical attribute pick lists	Yes



Trimble Positions™ ArcPad extension	TerraFlex™ software (Basic & Advanced editions)
Yes	Yes
Yes	Yes (Advanced)
No	No
Yes	No
Yes	No
No	Yes
Yes (Centimeter edition only)	Yes
Yes	Yes
Yes	Yes
Available via Esri ArcPad	Yes (Advanced)
Available via Esri ArcPad	No
Esri ArcPad Shapefile or AXF file and Trimble Positions ArcPad extension SSF	TerraFlex database
Windows 7/8/10, Windows Mobile 6, 6.1, 6.5, Windows Embedded Handheld 6.5	Windows 7/8/10, Windows Embedded Handheld 6.5, iOS 8 or later, Android 4.4 or later
Geo 7X handheld, Juno 5D handheld, T10 tablet, R2 & R1 receivers	Geo 7X handheld, Nomad® 5 handheld, Juno 5D handheld, TDC150 handheld, TDC600 handheld, TDC100 handheld, T10 tablet, T7 tablet, R10, R8s, R2 & R1 receivers, Trimble EMPOWER EM100 module
Esri ArcPad projection engine	Latitude/Longitude (WGS 84)
Yes (via ArcPad)	No
Yes	Yes
Yes	No
Yes (via ArcPad)	Trimble street and satellite basemaps
Yes (Points during polyline/polygon collection)	Yes
Yes	Yes
No	No





Office Software	GPS Pathfinder® Office software	Trimble Positions Desktop add-in for ArcGIS Desktop	TerraFlex Desktop add-in for ArcGIS Desktop	Trimble Connect for TerraFlex
Differential correction	Code phase, carrier phase, and H-Star processing	Code phase, carrier phase, and H-Star data processing	No	No
ShapeCorrect	Yes	Not applicable	Not Applicable	Not Applicable
Batch processing	Yes	Yes	No	No
Coordinate system support	Latitude/Longitude (WGS 84), U.S. State Plane 27 (NADCON - Conus), U.S. State Plane 83 (NAD - Conus), UTM, and hundreds of additional systems are supported	Esri ArcGIS projection engine	Esri ArcGIS projection engine	Latitude/Longitude (WGS 84)
Data export	AutoCAD DXF, dBASE, Esri Shapefile, Esri File Geodatabase, KML/KMZ (Google Earth mapping service), MapInfo MIF, Microsoft Access MDB, MicroStation DGN, configurable ASCII.	Integrated with Esri Personal, File, and Enterprise SDE Geodatabases, and additional export formats supported in Esri ArcGIS software	Integrated with Esri Personal, File, and Enterprise SDE Geodatabases, and additional export formats supported in Esri ArcGIS software	Shapefile, Geodatabase, CSV, KML
Data import	AutoCAD DXF, dBASE, Esri Shapefile, Esri File Geodatabase, MapInfo MIF, Microsoft Access MDB. Additional formats supported via Trimble SSF and DDF data format extensions for FME	Integrated with Esri Personal, File, and Enterprise SDE Geodatabases, and additional import formats supported in Esri ArcGIS software.	Integrated with Esri Personal, File, and Enterprise SDE Geodatabases, and additional import formats supported in Esri ArcGIS software	Shapefile (Advanced)
Data dictionary creation	Yes	Yes (from geodatabase schema)	Yes (from geodatabase schema)	Yes (from geodatabase schema and digital form creation)
Data storage format	Trimble SSF	Personal, File, and Enterprise SDE Geodatabase	Personal, File, and Enterprise SDE Geodatabase	Hosted solution
Customization	Automation interfaces from Differential Correction and Export utilities only	No	No	No
Map display/editing	Yes	Esri ArcGIS map and editing engines	Esri ArcGIS map and editing engines	Trimble street and satellite basemaps
Advanced GNSS data symbology	No	Yes	No	No
Feature rebuild	No	Yes	No	No
Feature verification	Yes	Yes	No	No
Field software support	TerraSync software, Trimble Positions ArcPad extension, and applications developed with the GPS Pathfinder Field toolkit	TerraFlex Mobile (including offline data transfer workflow option), TerraSync software, and Trimble Positions ArcPad extension	TerraFlex Mobile	TerraFlex Mobile

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