

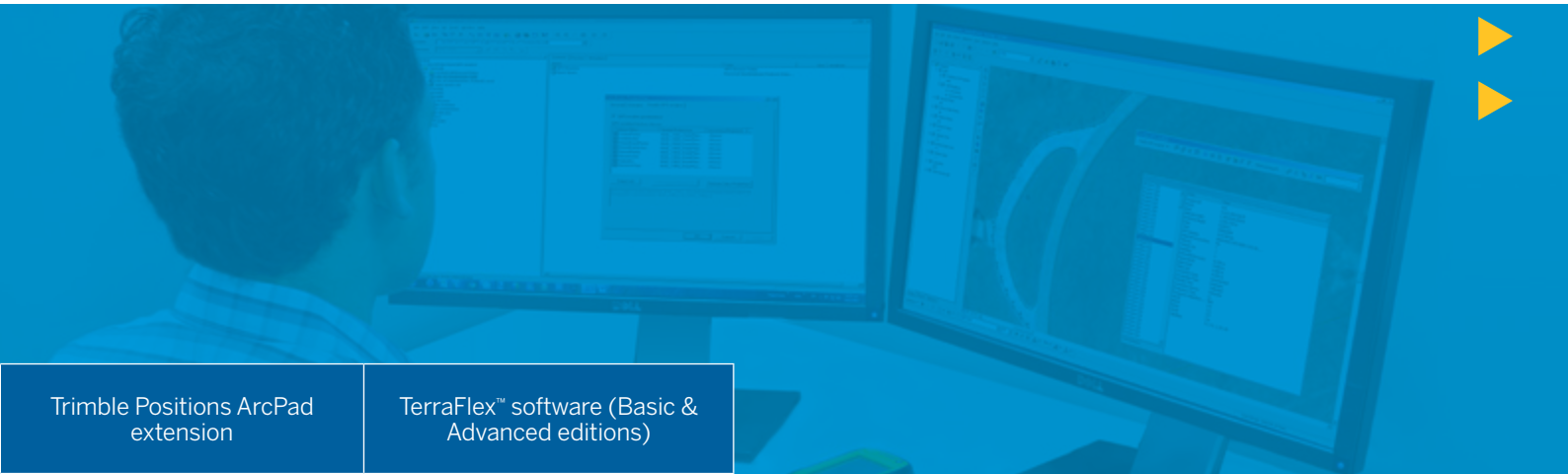


# GIS Software Product Comparison

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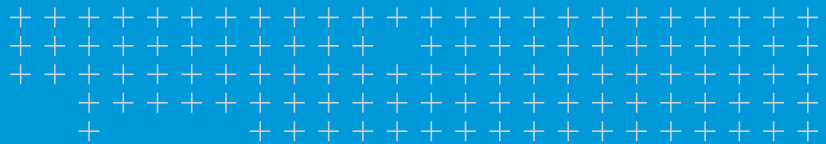


Field Software	TerraSync™ software (Standard, Professional, Centimeter editions)	Trimble Positions™ Mobile extension
Data collection	Yes	Yes
Data maintenance	Yes (Professional & Centimeter)	Yes
QuickPoint™ data collection mode	Yes	No
Code phase data collection	Yes	Yes
H-Star™ data collection	Yes	Yes
Carrier phase data collection	Yes	Yes
RTK data collection	Yes (Centimeter edition only)	No
VRS Support	Yes	Yes
RTX data collection	Yes	Yes
Navigation	Yes	Available via ArcGIS for Windows Mobile
Customization	With TerraSync Studio	Trimble Positions Mobile Project Center extension
Data storage format	Trimble SSF	Esri Mobile Cache
Field devices	Windows 7/8/10, Windows Mobile version 6, 6.1, 6.5, and 5.0 including all current Trimble Mapping & GIS handhelds	Windows Mobile 6, 6.1, 6.5, Windows Embedded Handheld 6.5
Supported Trimble GNSS receivers	Geo 7 series, Juno 5 series, Nomad 1050 series, Yuma 2 tablet, Pro 6, GPS Pathfinder ProXRT, 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	Geo 7 (Centimeter edition not supported), Juno 5 series, Nomad 1050 series, Pro 6, R2 & R1 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	Esri ArcGIS Mobile projection engine
External sensor support	Yes (Professional & Centimeter)	Yes (via ArcGIS for Windows Mobile)
Laser rangefinder support	Yes (Professional & Centimeter)	Yes
WMS support	Yes (Professional & Centimeter)	Yes (via ArcGIS for Windows Mobile)
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)	Yes (via ArcGIS for Windows Mobile)
Simultaneous feature collection	Yes (Points during line/area collection)	Yes (Points during polyline/ polygon collection)
Offsets	Yes	Yes
Graphical attribute pick lists	Yes	No



Trimble Positions ArcPad extension	TerraFlex™ software (Basic & Advanced editions)
Yes	Yes
Yes	Yes (Advanced)
No	No
Yes	Yes
Yes	Yes
Yes	Yes
No	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, Windows Mobile 6, 6.1, 6.5, Windows Embedded Handheld 6.5	Windows 7/8/10, Windows Embedded Handheld 6.5, iOS 7 or later, Android 4.x or later
Geo 7 (Centimeter edition not supported), Juno 5 series, Nomad 1050 series, Yuma 2 tablet, Pro 6, GPS Pathfinder ProXRT, R2 & R1 receivers	Geo 7 series, Juno 5 series, Nomad 1050 series, Pro 6 (on WEHH and Windows 7/8/10), R10, R8s, R2 & R1 receivers
Esri ArcPad projection engine	Latitude/Longitude (WGS 84)
Yes (via ArcPad)	No
Yes	Yes
Yes	No
Yes (via ArcPad)	Google Maps and OpenStreetMap
Yes (Points during polyline/polygon collection)	Yes
Yes	Yes
No	No





Office Software	GPS Pathfinder® Office software	Trimble Positions Desktop add-in	Trimble GPS Analyst™ extension	TerraFlex cloud services	TerraFlex add-in for ArcMap
Differential correction	Code phase, carrier phase, DeltaPhase™, and H-Star processing	Code phase, carrier phase, DeltaPhase, and H-Star data processing	Code phase, carrier phase, DeltaPhase, and H-Star data processing	No	No
ShapeCorrect	Yes	Not applicable	Not applicable	Not Applicable	Not Applicable
Batch processing	Yes	Yes	No	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)	Esri ArcGIS projection engine
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	Trimble SSF, Trimble Data Dictionary File (DDF), and additional export formats supported in Esri ArcGIS software	Shapefile, Geodatabase, CSV, KML	Integrated with Esri Personal, File, and Enterprise SDE Geodatabases, and additional export formats supported in Esri ArcGIS software
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.	Trimble SSF, schema from Trimble DDF, Esri ArcPad Shapefile or AXF file and Trimble GPScorrect SSF	Shapefile (Advanced), Geodatabase (Advanced)	Integrated with Esri Personal, File, and Enterprise SDE Geodatabases, and additional export formats supported in Esri ArcGIS software
Data dictionary creation	Yes	Yes (from geodatabase schema)	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 Geodatabase	Hosted solution	Personal, File, and Enterprise SDE Geodatabase
Customization	Automation interfaces from Differential Correction and Export utilities only	No	Available via ArcObjects	No	No
Map display/editing	Yes	Esri ArcGIS map and editing engines	Esri ArcGIS map and editing engines	Google, Esri basemaps, and OpenStreetMap	Esri ArcGIS map and editing engines
Advanced GNSS data symbology	No	Yes	Yes	No	No
Feature rebuild	No	Yes	Yes	No	No
Feature verification	Yes	Yes	Yes	No	No
Field software support	TerraSync software (Standard, Professional, or Centimeter), Trimble Positions ArcPad extension, Trimble GPScorrect extension for Esri ArcPad, and applications developed with the GPS Pathfinder Field toolkit	Trimble Positions Mobile extension, Trimble Positions ArcPad extension, TerraSync software (Standard or Professional) and third-party applications built on the Trimble Positions toolkit	Trimble GPS Analyst extension field tools, TerraSync software (Standard, Professional, or Centimeter), Trimble GPScorrect extension for Esri ArcPad, and applications developed with the GPS Pathfinder Field toolkit	TerraFlex Mobile	TerraFlex Mobile

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