

# Tri-Global UtiliMapper™

- Utility Infrastructure Mapping
- Depth of Cover Surveys
- Centerline Surveys
- Locate Markouts
- Asset Inventory
- ECDA/ACVG Surveys
- One Call Updates
- GIS Accuracy Assessments
- Electronic Field Inspection Reports
- As-Built Drawing Corrections
- Digital Image Capture with GPS, Time & Date Stamp



From the developers of:  
**UtiliPad™**  
**UtiliDroid™**



**Marking The Mark™**



# Tri-Global Mobile Utility Suite: UtiliMapper

Marking The Mark™



UtiliMapper was designed with the field technician in mind; allowing simple GPS data collection with seamless connectivity to industry leading electromagnetic utility line and electronic marker system (EMS) locators.

UmJobOptionsFor [GPS Icon] [Signal Icon] [Time: 11:39]

Device: **3M Dynatel**

COM Port: **COM9**

Alert Interval: **100**

Interval Tolerance: **10**

Pipe Diameter: **12** in

**Save** **OK**

KamericaPipeline [GPS Icon] [Signal Icon] [Time: 11:43]

6.8 1:2462

**Menu** **Gas20in** **OK**

UniversalTGFForr [GPS Icon] [Signal Icon] [Time: 11:46]

Valve\_Number: **T4729-A4**

Main\_Tap: **MLV**

Pressure\_Rating: **150**

Valve\_Type: **Gate**

Valve\_function: **Block**

Above/Below\_Grade: **Above Grade**

**Add** **Close** **OK**

Job setup is simple, allowing the user to assign type of underground utility locator to be connected to GPS receiver. User can also set a distance alert notifying the user (both audibly and visually) when the predetermined measurement between locate positions has been reached; increasing efficiency and accuracy. User can also view current position via GPS position icon and existing map data.

Operators can easily record spatial locations for both above and below grade assets while recording detailed notes via predefined user customized forms.

## Tri-Global DataView™

Tri-Global DataView provides a batch processing tool allowing users to effortlessly download, differentially correct\*, analyze results and export field collected measurements to industry standard GIS and database file formats.

\*requires Single User License of Trimble GPS Pathfinder Office

Index	ProjectedX	ProjectedZ	DCLat	DCLong	Latitude	Longitude	Vert Prec	Horz Prec	DOC	DOCDate	GPS Date	GPS Time
3732.068464	244511.5396227	-1.32796456338	29.648342727	-95.639247632	29.64835752304	-95.6392602075	0.7	0.6	0	02/21/12	09:02:31	
3098.162460	244562.2095529	-0.84296456403	29.648047464	-95.638716675	29.64805745231	-95.6387257288	0.7	0.5	0	02/21/12	09:04:00	
2064.847467	244612.2071029	-0.75396456466	29.647757388	-95.63819281	29.64776214904	-95.6382069588	0.8	0.5	0	02/21/12	09:05:28	
3643.952634	244644.1201995	-1.76796456506	29.647575851	-95.637858436	29.64757761929	-95.6378704101	0.7	0.5	0	02/21/12	09:06:22	
3638.725800	244651.8497369	-1.64196456516	29.647630034	-95.637777513	29.64763303103	-95.6377912998	0.6	0.5	0	02/21/12	09:07:00	
3030.520985	244693.1048459	-0.77896456531	29.647468048	-95.637659421	29.647468685674	-95.6376701129	0.7	0.5	0	02/21/12	09:07:44	
3596.568816	244714.2801635	-0.84496456555	29.647162775	-95.637123254	29.64716798970	-95.6371359103	0.6	0.5	0	02/21/12	09:09:00	
3576.484649	244745.1029447	-1.79496456633	29.646988055	-95.636800411	29.64699535157	-95.6368113866	0.7	0.5	0	02/21/12	09:10:00	
3567.873915	244757.1783062	-1.71396456649	29.646912905	-95.636673751	29.64692465958	-95.6366856450	0.6	0.5	0	02/21/12	09:10:44	
3561.639548	244767.2566344	-1.56496456661	29.646858736	-95.636568283	29.646863420556	-95.6365786605	0.7	0.5	0	02/21/12	09:11:11	
3528.763906	244815.1616585	-0.97496456724	29.646572233	-95.636066121	29.64658106027	-95.6360771949	0.9	0.5	0	02/21/12	09:12:23	
3741.240231	244511.2132285	-1.58896456320	29.648425348	-95.639253149	29.64843145024	-95.6392665138	0.7	0.5	0	02/21/12	09:27:00	
3706.127932	244561.0938023	-1.10896456387	29.648119047	-95.638730065	29.64812327003	-95.6387394445	0.6	0.5	0	02/21/12	09:28:11	

Supported GPS Receivers
Trimble® GeoExplorer™ 2005, 2008/3000, 5, 6000, 7x Series (GeoXM™, GeoXT™, GeoXH™)
Trimble® Pathfinder™ ProXRT™, ProXT™, ProXH™, Pro6T, Pro6H
Trimble® JunoS, Juno3 and Juno5™ Series
Trimble® Nomad™ Series
Getac® PS535F™, PS236™ Series <sup>(1)</sup>
Juniper® Archer™ Series <sup>(1)</sup>
Topcon® GSR-1™, GMS™ Series <sup>(1)</sup>

<sup>(1)</sup>Tri-Global has not specifically tested these devices, however technical specifications meet or exceed minimum requirements of software in real-time NMEA GPS/GNSS data output modes.

Supported Electromagnetic Line Locators
3M Dynatel Series
Metrotech i5000™
Radiodetection RD4000, RD8000, PCM, PCM+
Ditchwitch/Subsite UtiliGuard
Vivax-Metrotech vLocPro, vLocPro2, vLocDM, vLocDM2, vLocML2

Supported Sensors
External Bluetooth Barcode/RFID Scanners
Trimble Integrated Cameras, Laser Rangefinders, Barcode Scanners
Lasertech LTI TruPulse Series Laser Rangefinders



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