

RELEASE NOTES

PENMAP FOR WINDOWS

VERSION 10.8.2

REVISION A

SEPTEMBER 2018

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Penmap for Windows software version 10.8.2

These release notes contain information about Penmap software version 10.8.2.

Penmap is a premium data collection software, specifically designed for cadastral surveying, mapping, GIS data collection and land registration tasks. Compatible with a suite of controllers running Windows® 10, 8.1, 8, 7 or Mobile operating systems, Penmap's revolutionary user interface provides the industry's largest map real-estate, is designed to be operated with your fingers and provides the world's first right- or left-handed modes for better ergonomics.

New software features and hardware support

- User defined correction data services support also a url address now
- Implemented a function to sync Penmap templates between Penmap for Windows and Penmap for Android via USB
- Implemented a possibility to change the camera resolution if a picture is taken as GIS feature attribute
- Penmap for Windows supports the internal GNSS and S-Serie Radio of the TSC7 and T10 controller. The Windows comports for this internal hardware will be detected automatically now

Enhancements

- Updated Trimble coordinate system database
- Fixed issue with CSV export with an existing CSV export template
- Some bug fixes and UI enhancements for the GIS schema configuration tool "Database Editor"
- Enhancements to the WMS performance
- Fixed an issue with Trimble S-Serie measurements in fast measurement mode
- Enhancements to the shape file export
- Fixed an issue with collecting an arc
- Fixed an issue in the Trimble Connect cloud sync function of Penmap for Windows

Software and hardware requirements

Supported operating systems

Penmap 10.8.2 is running on Windows 7, 8, 8.1 and Windows 10. The version 10.8.2 supports 32 Bit and 64 Bit Systems.

The PDA Version of Penmap 10.8.2 will run on Windows Mobile 6.5

Supported instrument interfaces

Hardware	Manufacturer	Model	min. Version / Firmware
Total Station	Trimble	Trimble S3	M2.2.18
Total Station	Trimble	Trimble S5	H1.0.18
Total Station	Trimble	Trimble S6	R12.5.44
Total Station	Trimble	Trimble S7	H1.0.18
Total Station	Trimble	Trimble S8	R12.5.44
Total Station	Trimble	Trimble S9	H1.0.18
Total Station	Trimble	Trimble 5600 / Geodimeter 600	
Total Station	Trimble	Trimble M3 Pro	
Total Station	Trimble	Trimble C3 / C5	
Total Station	Trimble	Trimble LaserAce 1000	
Total Station	Leica	Leica TPS 400	
Total Station	Leica	Leica TPS 800	
Total Station	Leica	Leica TPS 700	
Total Station	Leica	Leica TPS 1100 *	
Total Station	Leica	Leica TPS 1200+ *	
Total Station	Leica	Leica TPS Viva TS15/TS16 *	
Total Station	Leica	Leica Builder	
Total Station	Leica	Leica TS 02/06/09 Flexline	
Total Station	Leica	Leica Redline	
Total Station	Nikon	Nikon	
Total Station	Nikon	Nikon DTM 310/400/700	
Total Station	Sokkia	Sokkia SET	
Total Station	STONEX	R5	
Total Station	STONEX	R6	
Total Station	STONEX	R9 Robotic *	
Total Station	Spectra Precision	Focus 10	
Total Station	Spectra Precision	Focus 30	
Total Station	Manual keypad entry		
GNSS Receiver	Trimble	5700	2.34
GNSS Receiver	Trimble	5700 II	4.44
GNSS Receiver	Trimble	5800	2.34
GNSS Receiver	Trimble	5800 II	4.44

GNSS Receiver	Trimble	Trimble R1	5.08
GNSS Receiver	Trimble	Trimble R2	5.32
GNSS Receiver	Trimble	Trimble R4	5.00
GNSS Receiver	Trimble	Trimble R5	5.00
GNSS Receiver	Trimble	Trimble R6	5.00
GNSS Receiver	Trimble	Trimble R7	5.00
GNSS Receiver	Trimble	Trimble R7 GNSS	5.00
GNSS Receiver	Trimble	Trimble R8 GNSS	5.00
GNSS Receiver	Trimble	Trimble R8s GNSS	5.32
GNSS Receiver	Trimble	Trimble R10 GNSS	5.32
GNSS Receiver	Trimble	Trimble LA-ProXRT	
GNSS Receiver	Trimble	Trimble Pathfinder	
GNSS Receiver	Trimble	Trimble GeoXH,XT,XM	
GNSS Receiver	Trimble	Trimble GeoExplorer 6000	
GNSS Receiver	Trimble	Trimble Geo7x	
GNSS Receiver	Trimble	Trimble Nomad	
GNSS Receiver	Trimble	Trimble Juno	
GNSS Receiver	Trimble	Trimble Yuma	
GNSS Receiver	Trimble	Trimble T10 / TSC7	
GNSS Receiver	Leica	GPS 1200+	
GNSS Receiver	Leica	Zeno GG03	
GNSS Receiver	Leica	Viva GS16 / GS15 / GS14 / GS10/**	
GNSS Receiver	STONEX	STONEX S3	
GNSS Receiver	STONEX	STONEX S7-G / -D	
GNSS Receiver	STONEX	STONEX S8	
GNSS Receiver	STONEX	STONEX S9 I+II GNSS	
GNSS Receiver	STONEX	STONEX S9III GNSS	
GNSS Receiver	Panasonic	Panasonic FZ-G1w/ integrated GNSS	
GNSS Receiver	NMEA	NMEA	NMEA (GGA, GSA, GST, GSV)
GNSS Receiver	Topcon	Topcon Legacy	via NMEA
GNSS Receiver	Topcon	Topcon HiPer	via NMEA
GNSS Receiver	Topcon	Topcon GR-3	via NMEA
GNSS Receiver	Topcon	Topcon GRS-1	via Windows Mobile GPD
GNSS Receiver	Ashtech/Magellan	Ashtech/Magellan ProMark 500	via NMEA
GNSS Receiver	Ashtech/Magellan	Ashtech/Magellan MobileMapper 6	via Windows Mobile GPD
GNSS Receiver	Sokkia	Sokkia GSR 2700ISX	via NMEA

* Advanced GeoCom option is needed for robotic use

** OWI option is needed

Support notes

- Installation
 - Due to updates of some Trimble components you have to uninstall old versions of the components before installing the new version of Penmap. Go to the Windows setting “Programs and Features” and uninstall:
 - “GPS Pathfinder Field Tools Components”.
 - “Trimble Precision SDK ...”.
- Warning message during the installation process
 - If you get the warning message, that the installation was not able to register the “rapi.dll”, you can ignore this message and proceed with the installation process.
- Windows 10 support
 - If you work on a Windows 10 Tablet PC with Penmap you have to use the Windows 10 “Desktop” mode. The Penmap UI does not support the Windows 10 “Tablet” mode.