



Firmware Release Notes

GIS

Date: October 15th, 2012
Product: MobileMapper Field
Subject: New release of MobileMapper Field application: V3.0

Introduction:

This document is the firmware release note of the new release of MobileMapper Field application released for MobileMapper 10, MobileMapper 100 and MobileMapper 120. **This new version of MobileMapper Field has not been tested on MobileMapper 6.**

Upgrade procedure

- The new release is available on following ftp site:
<ftp://ftp.ashtech.com/Mobile%20Mapping/> in each receiver section

MobileMapper Field upgrade from the MobileMapper software DVD (please check on Ashtech ftp (<ftp://ftp.ashtech.com/Mobile%20Mapping/>) that the version of software delivered on the DVD is the latest one):

- Insert the CD into a PC and follow the instructions to install both applications on your PC.
- If the installation window does not appear automatically, go to the CD driver and run Setup.exe file manually.
- Note: you may need to install ActiveSync (for Windows XP) or Media Device Center (for Windows Vista) on your PC first.
- If the receiver is connected to the PC via USB cable, then the new MobileMapper Field software will be installed on the device as well. If not, then it will be done at the next connection.
- Note: We recommend that you remove the previous software (Mobile Mapping and MobileMapper 6 Office) from your receiver unit and PC prior to this installation.

MobileMapper Field upgrade from the Ashtech FTP site:

<ftp://ftp.ashtech.com/Mobile%20Mapping/>

- Download the required software from the FTP site to your PC (note: this should not be a shared or remote drive, but the local PC hard drive).
- Run the Setup.exe file and follow instructions to install both applications on your PC.
- Note: you may need to install ActiveSync (for Windows XP) or Media Device Center (for Windows Vista) on your PC first.
- If the receiver is connected via USB cable, then the new software will be installed on the device as well. If not, then it will be done at the next connection.
- Note: We recommend that you remove previous release of software from your PC prior to this installation.

Activating the MobileMapper Field software

- Once MobileMapper Field software is installed on your receiver, tap the MobileMapper Field icon on the Today screen to launch the application.
- If you had a previous version of MobileMapper Field installed, the device will keep the activation code and you will not be requested to enter it now. If this was not the case, you will have to enter the activation code delivered to you with the MobileMapper Field application (note: this code is unique and matching the serial number of your device).

Activating the post-processing option

- If previously you had activated post-processing option within MobileMapper Field application, the device will keep the activation code for post-processing and you will not be requested to enter it now. If this was not the case, you will have to enter the activation code delivered to you for the post-processing option (note: this code is unique and matching the serial number of your device).

Firmware list and versions

General version number: MobileMapper Field V3.0

These versions is available on following ftp for free upgrade:

<ftp://ftp.ashtech.com/Mobile%20Mapping/>

New features

1. Large virtual keyboard
2. Magnetic variation is taken into account for improved e-compass accuracy
3. Improved unit management (single setting now)
4. Enhanced voice guidance (reporting distance and turn direction in MobileMapper Field “go to” mode; reporting one major distance and direction to move in “go to” mode instead of two distances and two directions)
5. AXF improvements (supported limits for attribute values, text attributes can now contain quotation characters, performance/refactoring)
6. Showing GPS status when PDOP filter is being applied
7. Improved “go to” mode for close navigation in MobileMapper Field
8. ECW background map format support
9. RTK initialization in MobileMapper Field
10. Possibility to update existing point feature coordinates with GPS position in a field
11. Recording raw data to a job folder (where *.map file is located) in MobileMapper Field
12. Possibility to display negative values of projected coordinates in the status screen
13. Possibility to add GPS metadata as point feature attributes in MobileMapper Field

-
14. Vertical offset in MobileMapper Field
 15. Attribute editing during feature logging in MobileMapper Field
 16. Low memory warning in MobileMapper Field
 17. GPS status display during averaging in MobileMapper Field
 18. Showing GPS status when PDOP filter is being applied
 19. Stop logging confirmation in MobileMapper Field
 20. GPX data file recording in MobileMapper Field (if it is ON, it is always (even after next launching) stored to \My Documents\Ashtech\gpx.gpx)
 21. Possibility to stop averaging in MobileMapper Field
 22. Reduced application startup time when using OSM map (loading it in background)
 23. Displaying coordinates of a location that user tap on a map
 24. Position status voice information
 25. Reference station ID display
 26. Displaying current raw data file path/name
 27. International feet support
 28. OK soft key on the logged point screen
 29. L2 SNR display
 30. Changed copyright to Trimble
 31. Voice guidance is now available in French, German, and Russian languages besides English

Resolved Problems

1. Support for geometry parts
2. Support comma in geo-referenced map files
3. "+" and "-" signs are not present in Status screen
4. There is not a warning window if low memory on Storage Disk
5. There is no warning message informing that the memory on Storage Card is critically low

Known issues

AXF. There are some problems with field type 'integer'.

Mandatory attribute issue in case of point layer has 13 (in my test example) attributes

Recommendations

None