



Firmware Release Notes

GIS

Date: June 20th, 2011
Product: MobileMapper Field
Subject: New release of MobileMapper Field application: V2.0

Introduction:

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

Upgrade procedure

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.

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- 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 V2.0

These versions is available on following ftp for free upgrade:

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

New features

1. MobileMapper 10 device support
2. Altitude, HRMS, VRMS display on the main screen
3. Repeat feature attributes
4. Mandatory attributes
5. Job templates
6. Job name display on the main screen
7. Open Street Map support
8. “4D” Shape file support
9. SBAS mode indication
10. ESRI AXF format support
11. MobileMapper Field, and ArcPad post-processing extension do not stop NMEA output on COM2 upon exit.
12. NMEA output up to 20 Hz
13. Raw data recording up to 20 Hz
14. ITRF coordinate transformations in SBAS mode
15. Turn direction indicator in MobileMapper Field Go To mode

Resolved Problems

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- A fix has been incorporated to solve the problem with multi-byte character handling in DBF files.

Known issues

- Backward compatibility of new release of MobileMapper Field V2.0 and MobileMapper 100 BSP version 2.2.4:
 - Both applications are compatible and can be installed on MM100 BSP 2.0.4 with following limitations:
 - Asian versions do not work with BSP 2.2.4
 - Simultaneous use of E-compass and Camera for is not possible
- Actions of Zoom in /out hardware keys are inverted on MobileMapper 10 (With dvt2 BSP)
- The current implementation of AXF does not support date/time attributes. Any features that have such an attribute type cannot be updated.

Recommendations

None