

# Installing the Latest Version of Windows Mobile® 5.0 for the Ultra-Rugged Field PC (Release 2.1.4)

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## Required Tools

- Field PC
- Desktop computer with 40 MB of free hard drive space
- High-speed Internet connection
- Field PC Charger
- Microsoft® ActiveSync® 4.1 or higher
- Optional: Secure Digital (SD) card, Compact Flash (CF) memory card, or USB Flash Drive (the latter requires a mini-USB adapter to attach to the Field PC) with 40 MB storage space

## Release Notes

To view a list of changes and improvements made to the latest operating system release 2.1.4, please view the Field PC OS 2.1.4 Release Notes document at the following address.

<http://www.ultraruggedfieldpc.com/OS214ReleaseNotes.pdf>

## Important Notes

**Read the following information before replacing the operating system.**

- Replacing the operating system on your Field PC deletes files and data and removes software you have installed. Before you install the new operating system, please back up all files to a desktop computer or external storage device such as a Compact Flash (CF), Secure Digital (SD), or USB Flash Drive.
- Once a Field PC has been updated to an OS release 2.1.1 or higher, it can not be reverted back to an OS release 1.03 or lower. Please ensure that your application will function properly with the new operating system before performing the update.
- Installation of this operating system update is at your own risk. Any loss in functionality of the Field PC unit during or after performing this update (for any reason, such as from installing a partially downloaded or corrupted install file) may require a charged repair service to return full functionality. If desired, the Field PC can be returned to an authorized repair center to install the operating system update for a nominal labor charge.

## Instructions

To update the operating system on your Field PC, follow the steps below.

1. Visit the following website: <http://www.ultraruggedfieldpc.com>. (If you are at this site already and have successfully submitted your name, email address, and serial number, skip to step 4.)
2. Register your name, company name, email address, and serial number in the appropriate boxes. (To find the serial number of your device, look at the label beneath the battery in the Field PC, or tap *Start* > *Settings* > *System* tab > *System Config* icon.)
3. Click *Submit*. Make sure the login is successful.
4. Click on the download link for the selected language desktop EXE or direct CAB install file.

**Note:** If you have a newer Field PC, select the desired language from the drop-down list. Field PCs with 300Mhz processor speed only support the English language. Older Field PCs only support the English language and the direct CAB install file.

5. Save the install CAB or EXE file to a location on your desktop computer.
6. Plug the Field PC wall charger into a power source and attach it to the Field PC. Make sure the LED lights up to show the device is plugged in.
7. Make sure all data, software, and licenses have been copied from the Field PC, and then set the Field PC to factory default settings as instructed in Chapter 3 of the Field PC Reference Guide, or on the Clean Boot FAQ webpage at <http://www.ultraruggedfieldpc.com/cleanboot.php>.

**Note:** Make sure all files and folders are removed from the “\Storage” folder under *Start* > *Programs* > *File Explorer* before proceeding with the OS update.

8. If you are installing using the desktop EXE install file, connect to Microsoft ActiveSync, double-click on the file to run on your desktop PC, and then follow the instructions that appear on the desktop PC. Skip to step 17.

If you are installing using the direct CAB install file, attach a peripheral storage device such as a CF card, SD card, or USB Flash Drive to the Field PC or directly to the desktop PC and continue below.

**Note:** If you attached the peripheral storage device to the Field PC, create an ActiveSync connection between your Field PC and the desktop computer.

9. Using My Computer or File Explorer on the desktop computer, locate the downloaded install CAB file, right-click on the file, and then select *Copy*.
10. If you attached the peripheral storage device to the Field PC, in My Computer or File Explorer on the desktop computer, find and double-click on *Mobile Device > My Windows Mobile-Based Device > SD Card, CF Card, or Hard Disk* (USB Flash Drive).

If you attached the peripheral storage device directly to the desktop computer, double-click on the drive letter assigned to the peripheral storage device.

11. Select *Edit > Paste*. The install CAB file is copied onto the peripheral storage device.

**Note:** After the file copy is complete, if the peripheral storage device is attached directly to the desktop computer, remove it from the desktop computer and attach it to the Field PC.

12. On the Field PC, tap *Start > Programs > File Explorer*.

13. Navigate to the *SD Card, CF card, or Hard Disk* (USB Flash Drive) folder where you copied the install CAB file.

14. Tap once on the install CAB file to launch the OS Replacement Utility. The utility may take a few minutes to open.

15. If you are asked to choose a location to install the file, choose *Device* and tap *Install*.

16. Follow any remaining instructions for replacing the operating system until you see a message saying "Replacing OS Image, Please Wait".

**Note:** Proceeding with the replacement means you agree to the terms and conditions in the license agreement that came with the Field PC.

**Note:** If you encounter a warning message stating that there is insufficient space, follow these steps:

- a. Cancel the install.
- b. Set the Field PC to factory default settings again as explained in step 8 above.
- c. Repeat these instructions beginning at step 14.

17. After the operating system has been replaced (this may take several minutes), the device restarts automatically. Follow the instructions on the display until you have completed the Windows Mobile Setup Tutorial.

18. To confirm whether the new operating system was installed successfully, follow these steps:

- a. Tap *Start > Settings > System* tab > *System Config* icon.
- b. The System Configuration screen appears. Make sure the Build Version is 2.1.4.

It is now safe to re-install software and restore data and licenses to your Field PC.

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