

Full system update using MfgTool2

CCpilot VS 12" application note

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Revision history

Rev	Date	Author	Comments
A	2017-12-20		Released

1. Introduction

This method is used to update the entire system at once (bootloader, main + rescue Linux kernels, and main + rescue filesystems). Such updates are released as *.zip* archives on the following format:

mfgtools-CCpilot-VS-v1.1.0.0_release_image.zip

This method uses the third party software MfgTool2 which is runs on a Windows host PC. The program is freely provided by NXP and is included in the above mentioned *.zip*.

2. Update procedure



This update will remove all user files. Please make sure you have done a proper backup before continuing!

1. Unpack the *.zip* containing the new image on a Windows host PC
2. Run MfgTool2.exe on host PC
3. Connect USB1 of the device to the host PC using a USB male-male cable

Make sure the device is connected to power supply

4. Press and hold the button for 30 seconds



After 8-10 seconds there will be a long beep and the device will shut down, but keep pressing!

5. Two short beeps will indicate the device being in program mode. Release the button.
6. The button backlight will flash yellow and the device will show up as a HID-compatible device in MfgTool2
7. Press "Start" in MfgTool2 and wait for its completion.



At one time during the update, MfgTool2 will have a status indication "No device connected". This is perfectly normal, ignore it and wait for the completion.

8. When finished, press "Stop" and then "Exit"
9. Toggle power to start the newly updated device.

Trademarks

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