

This procedure describes how to update the firmware of your Canicom GPS handheld, as well as your Canicom GPS collar, for users equipped with [the special programming cable](#)

1. Preliminary installations

If you have not already done so, you need to download « Flash Tool + Driver.zip »: FlashTool_v5.1624.00 is the software that allows you to perform the update, and MTK_USB_COM_Driver_SDK_v1.12.50.0 is the driver that allows the software to work properly.

If you have already completed this step previously, please proceed directly to step 2.

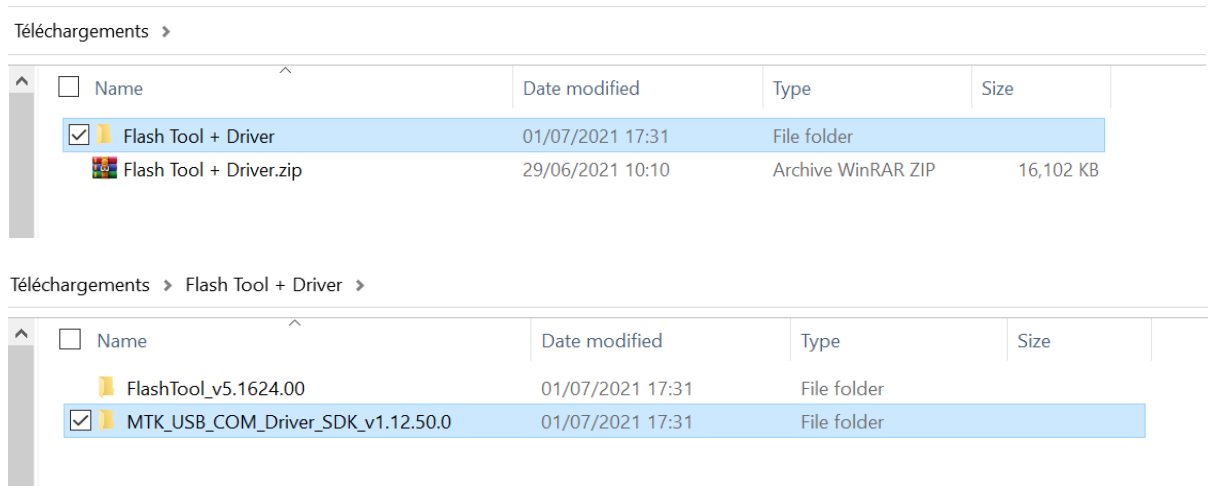
Once downloaded, this ZIP file must be extracted as follows:

- Open the "Downloads" folder
- Identify the file " Flash Tool + Driver.zip "
- Right-click, and select "Extract".

Now you must install the driver following these steps:

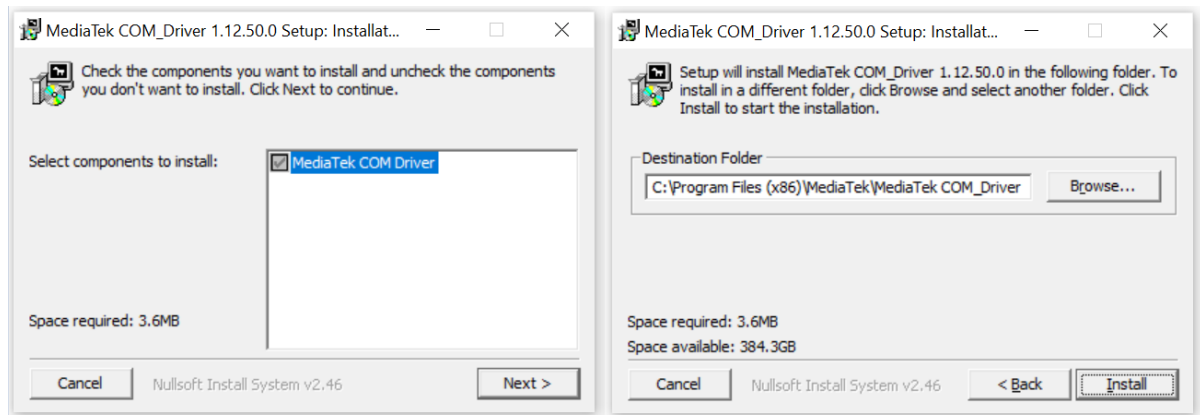
- open the new freshly extracted folder "Flash Tool + Driver",
- then open the subfolder "MTK_USB_COM_Driver_SDK_v1.12.50.0",
- lastly, double-click on the icon "InstallDriver.exe" as shown on the screenshots below.

Again, this is a one-time installation and you won't need to repeat those steps for further updates.

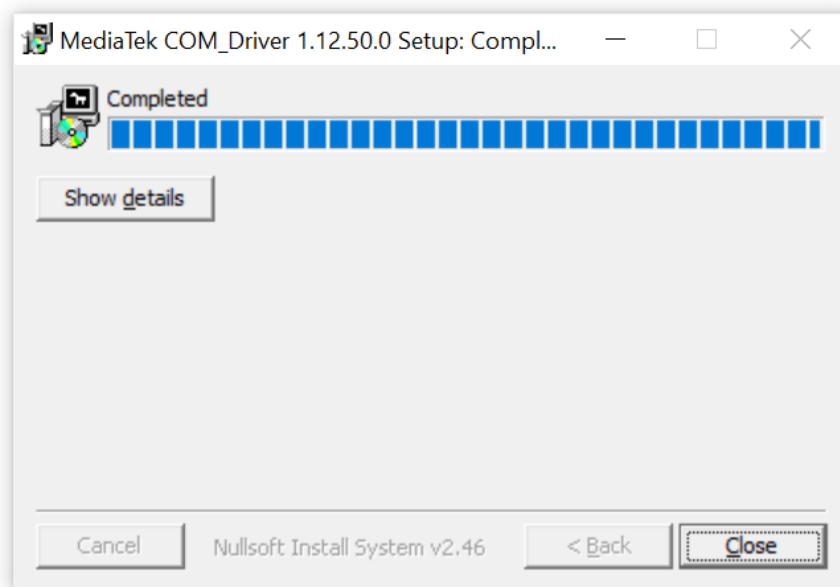


Téléchargements > Flash Tool + Driver > MTK_USB_COM_Driver_SDK_v1.12.50.0 >

<input type="checkbox"/>	Name	Date modified	Type	Size
	dev_inst	01/07/2021 17:31	File folder	
	dev_remove	01/07/2021 17:31	File folder	
	etw_log	01/07/2021 17:31	File folder	
	mtk_com	01/07/2021 17:31	File folder	
	nsis_utils	01/07/2021 17:31	File folder	
<input checked="" type="checkbox"/>	InstallDriver.exe	13/12/2012 02:12	Application	3,531 KB
	release_note.txt	13/12/2012 02:48	Text Document	16 KB



Click "Next" and then "Install" to continue the installation, until the progress bar fills up completely as shown below. This means that the driver installation is complete and successful.



2. Version Check

You now need to check whether the latest firmware version has already been downloaded to your computer or not: to do so, compare it with the version(s) in the "Downloads" folder on the computer's desktop, which by default contains all the versions already downloaded. For the record, you may find the latest firmware version on NUM'AXES website in the "updates" tab of the [Canicom GPS page](#).

As a reminder, do not forget to unzip the files of any newly downloaded firmware by doing the following:

- Open the "Downloads" folder,
- Identify the ZIP file containing the new firmware,
- Right-click, and select "Extract".

ZIP archives and old firmware available in this folder can be ignored or deleted.

3. Pre-loading the new firmware

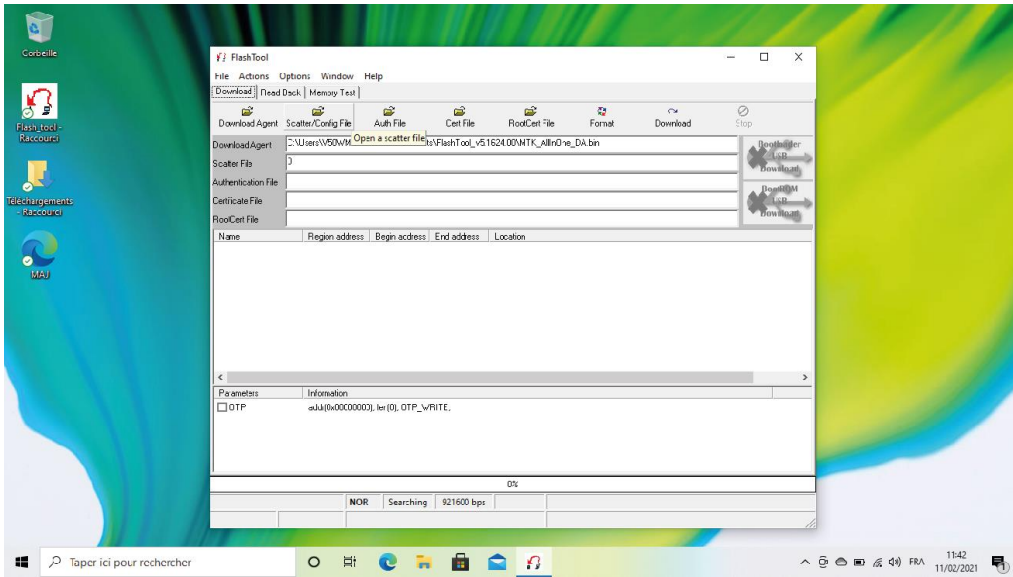
To launch the update tool, double-click on the "Flash_tool.exe" icon, which is usually located in the directory shown below:

Téléchargements > Flash Tool + Driver > FlashTool_v5.1624.00 >

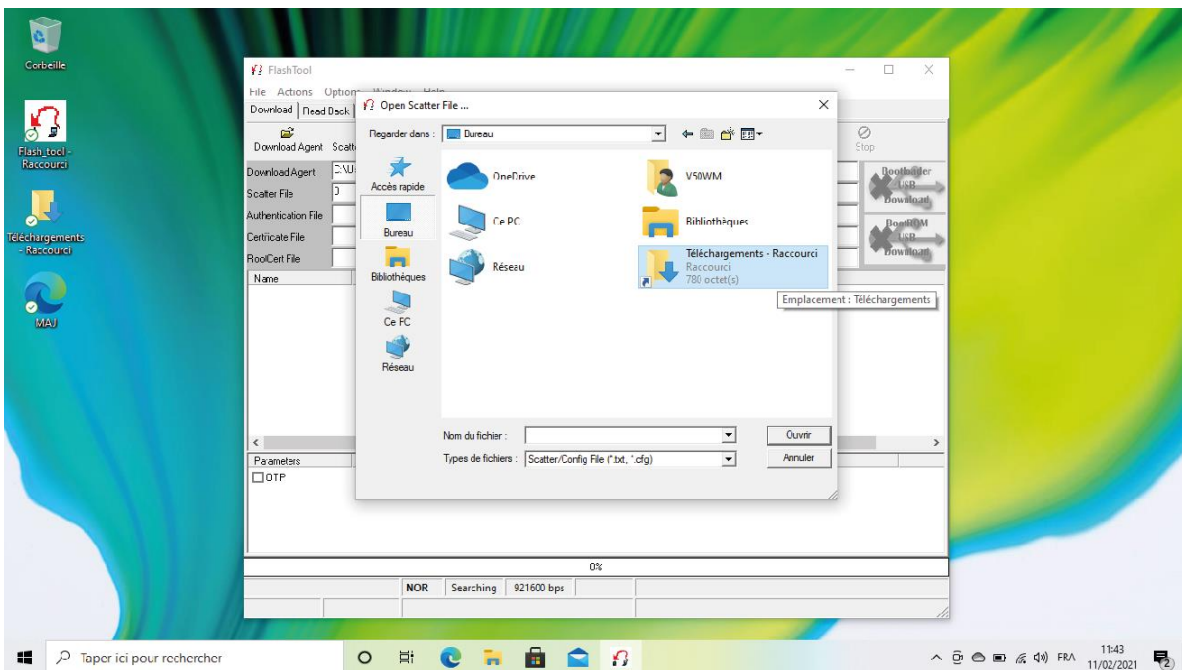
Name	Date modified	Type	Size
doc	01/07/2021 17:31	File folder	
BACKUP.INI	18/02/2017 14:43	Configuration settings	1 KB
brom.dll	18/02/2017 14:43	Application extension	3,832 KB
brom.ini	18/02/2017 14:43	Configuration settings	1 KB
ConsoleMode_v1_0.xsd	18/02/2017 14:43	XSD File	12 KB
ConsoleMode_v2_0.xsd	18/02/2017 14:43	XSD File	7 KB
ConsoleMode_v3_0.xsd	18/02/2017 14:43	XSD File	7 KB
ConsoleMode_v3_1.xsd	18/02/2017 14:43	XSD File	8 KB
ConsoleMode_v3_2.xsd	18/02/2017 14:43	XSD File	9 KB
ConsoleMode_v3_3.xsd	18/02/2017 14:43	XSD File	7 KB
ConsoleMode_v3_4.xsd	18/02/2017 14:43	XSD File	9 KB
ConsoleMode_v4_0.xsd	18/02/2017 14:43	XSD File	20 KB
ConsoleMode_v5_0.xsd	18/02/2017 14:43	XSD File	21 KB
DataLibrary.dll	18/02/2017 14:43	Application extension	560 KB
DualTalkSwitchTool.exe	18/02/2017 14:43	Application	484 KB
FilterBinTrans.dll	18/02/2017 14:43	Application extension	9 KB
<input checked="" type="checkbox"/> Flash_tool.exe	18/02/2017 14:43	Application	3,241 KB
Flash_tool.INI	01/07/2021 11:05	Configuration settings	8 KB
FlashToolLib.dll	18/02/2017 14:43	Application extension	1,179 KB
FrameCommModule.dll	18/02/2017 14:43	Application extension	64 KB

Important note: if the icon is greyed out instead of red as shown above, it means that the ZIP archive in which this folder is located has not been extracted.

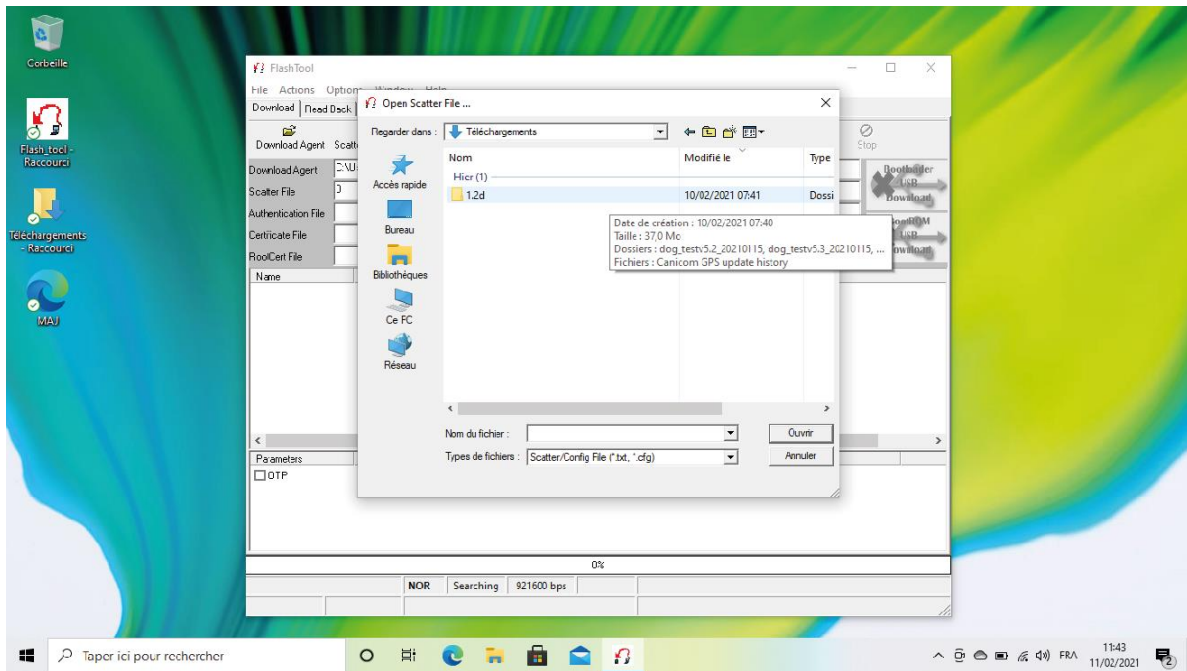
Once the window is open, click on "Scatter/Config File" at the top left of the window.



Specify the path to the firmware file on your computer (by default in the "Downloads" folder of the computer).



If the folder contains several version numbers, ignore the older versions and select the most recent one.



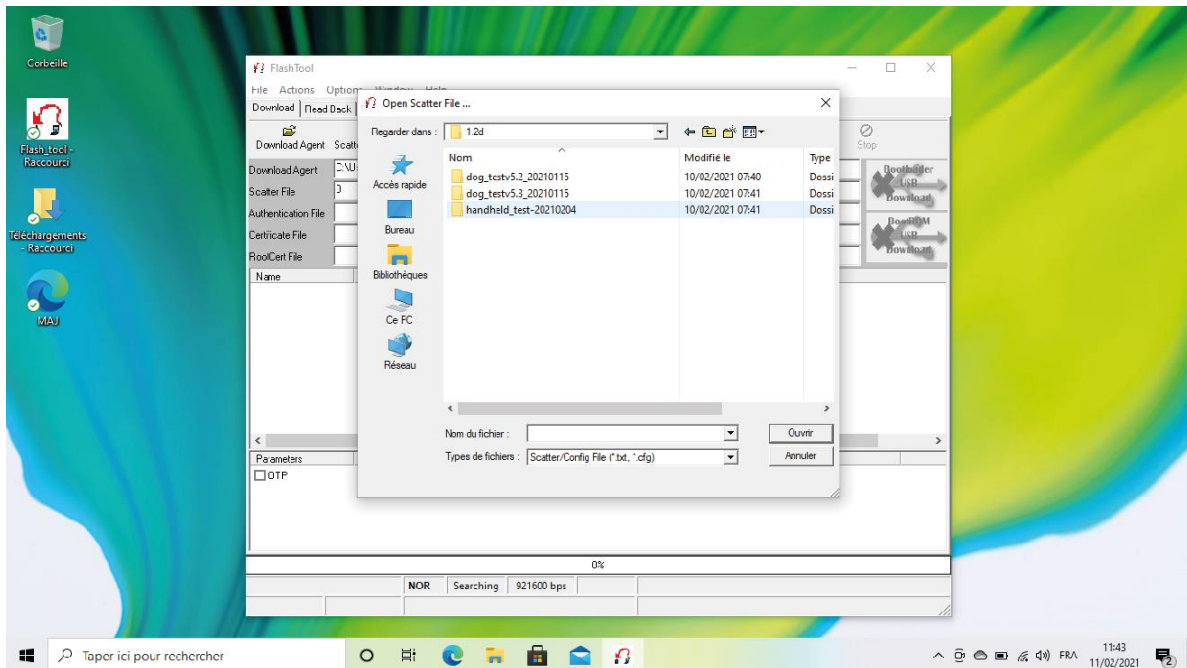
To initialize the handheld firmware, choose the sub-folder "handheld_test".

To initialize the collar, continue with " dog_testv5.2 " or " dog_testv5.3 " .

To know which version to choose, connect your collar and check how the indicator lights react:

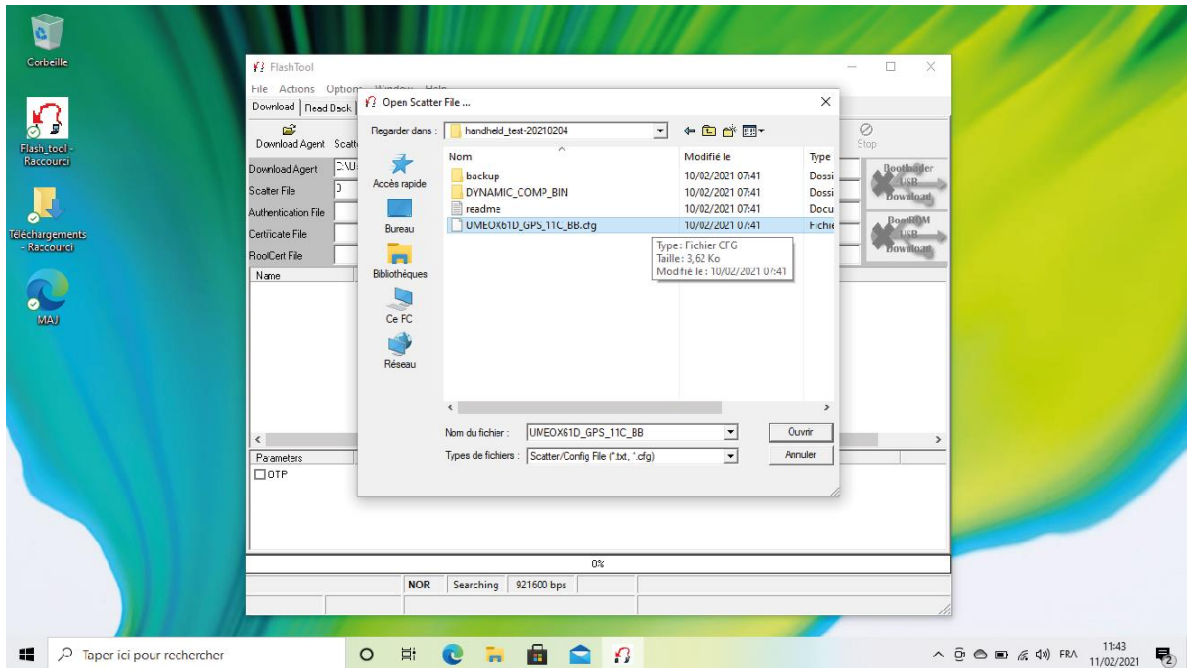
- Version 5.2: the indicator lights take a few seconds to light up,
- Version 5.3: the indicator lights light up immediately.

CAUTION: to update your collars they must be turned off.



The following screenshots will walk you through updating the handheld. For the collar, the procedure is the same.

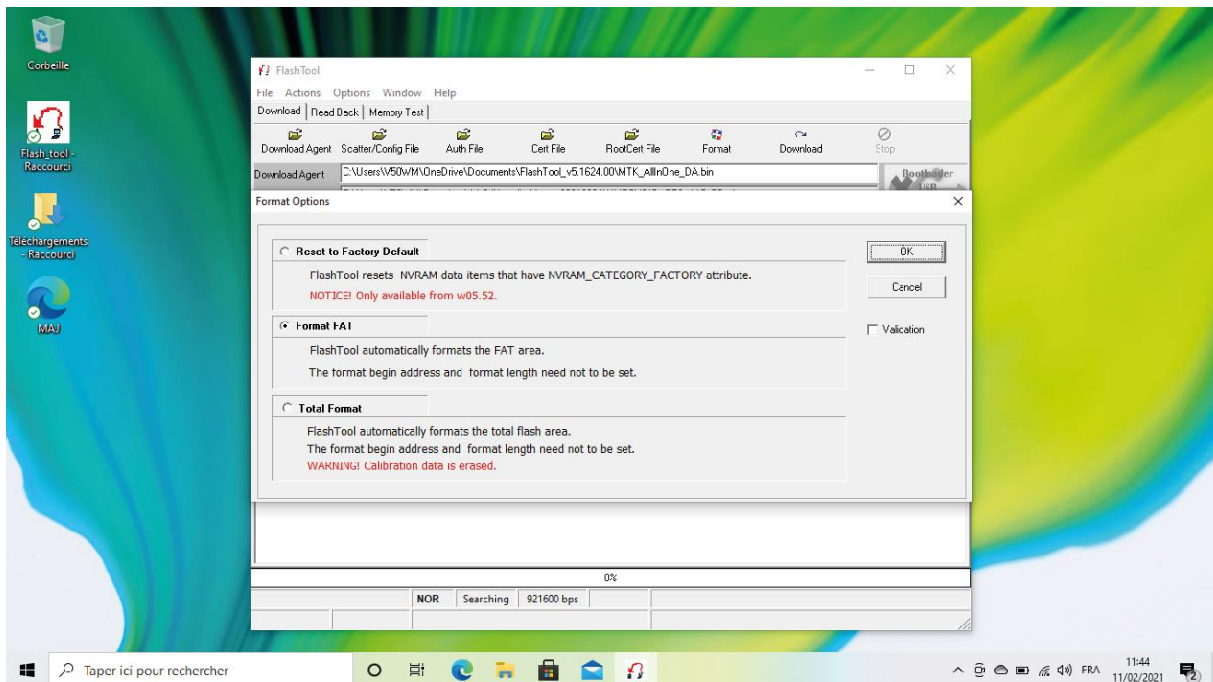
Complete the selection by clicking on the file whose name ends with ".cfg", which contains the firmware.

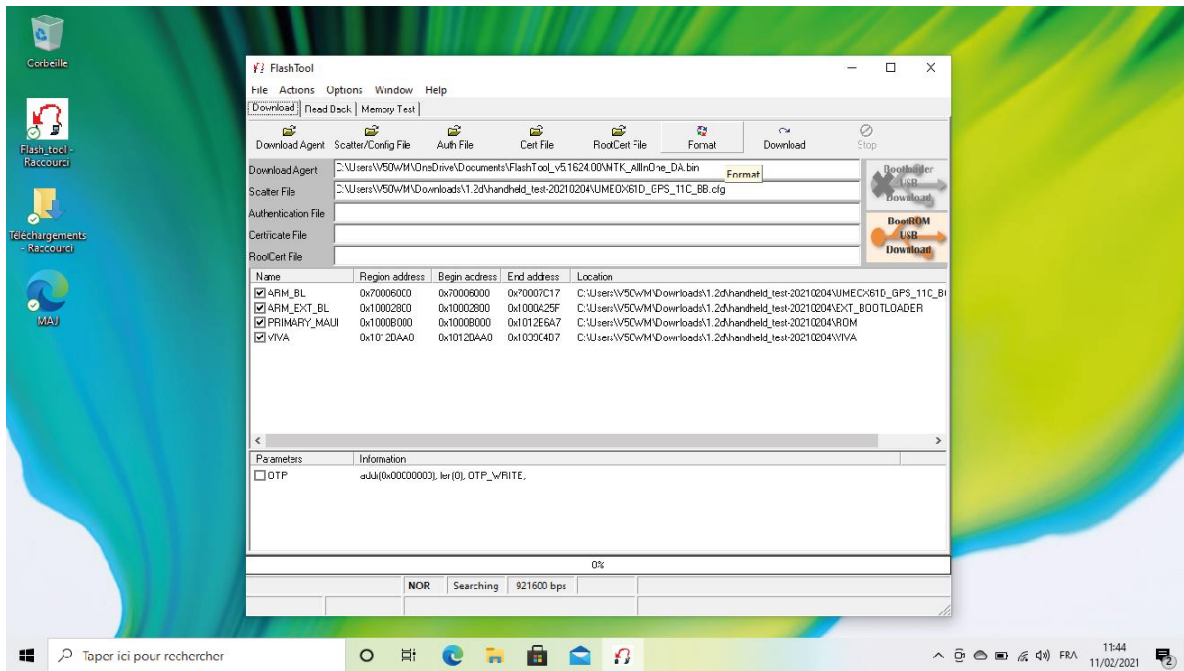


The firmware is now preloaded and ready for deployment.

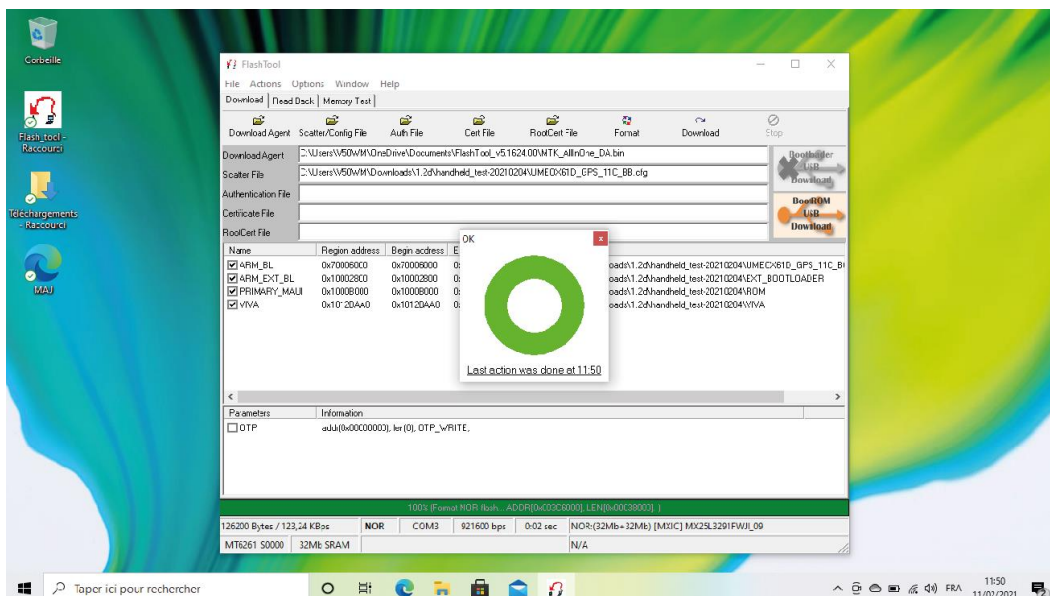
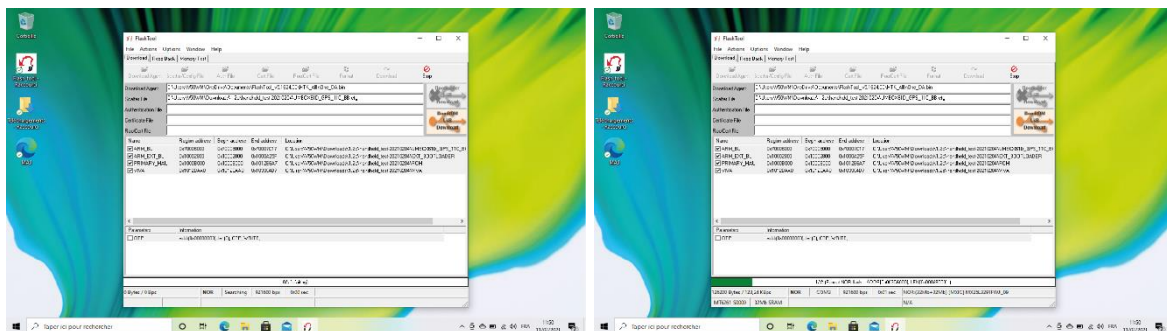
4. Deployment of the update

Go to the "Format" icon, make sure that the "FAT Format" is selected, then click "OK".

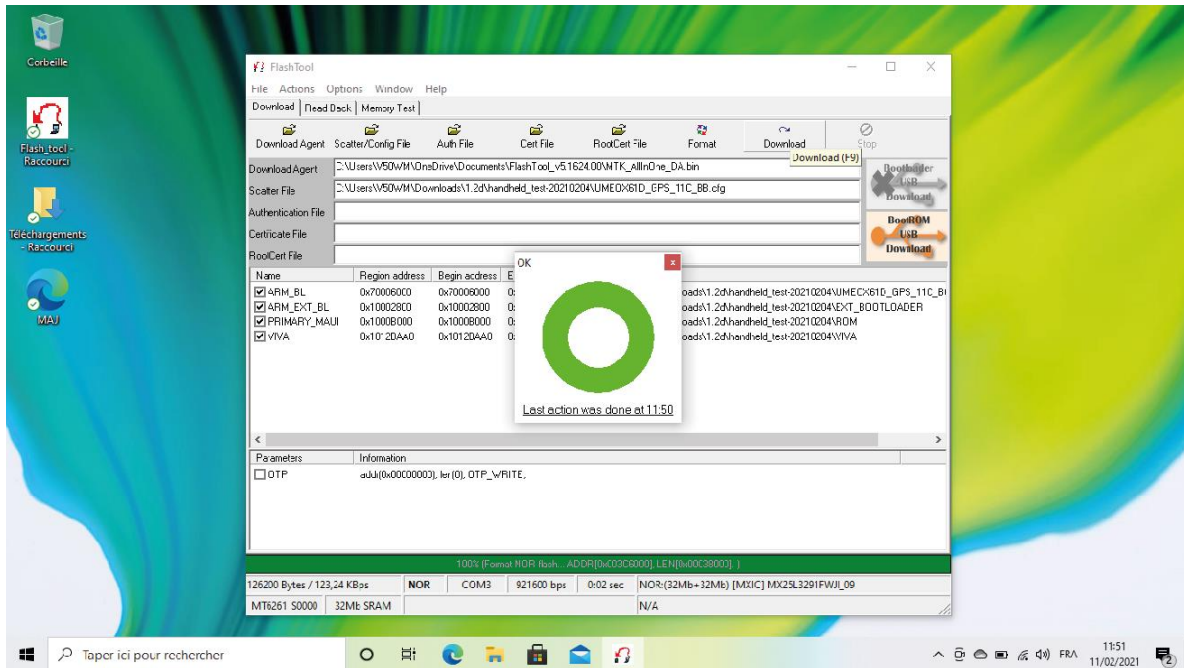




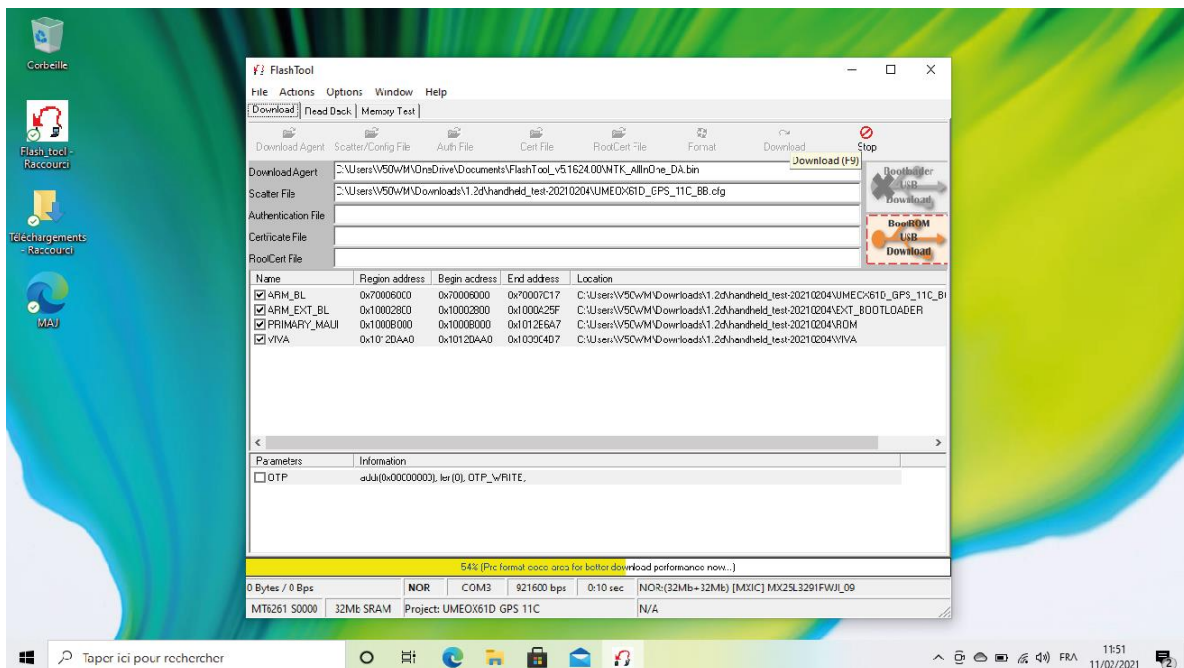
Plug in your handheld so that the memory formatting process can begin. **WARNING: do not touch or unplug the programming cable before this step is completed!**

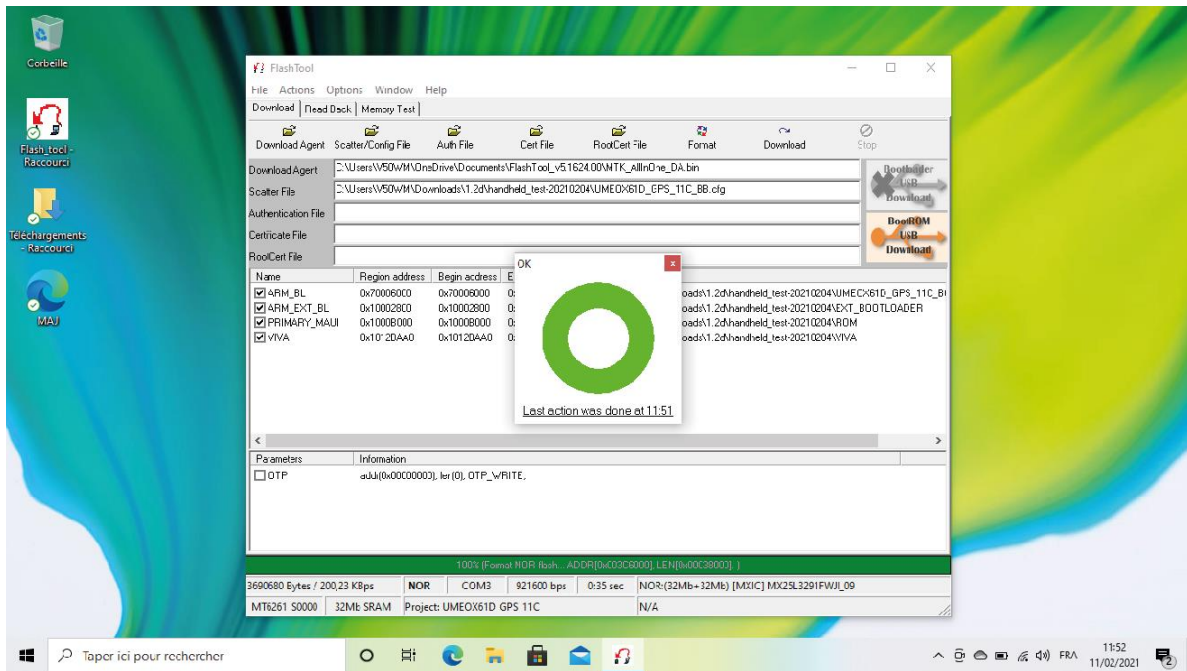


When the formatting is completed, unplug the handheld and click on the 'Download' icon.



Reconnect the handheld and the update will start. Again, do not touch or unplug the programming cable until this step is complete!





Congratulations, your handheld is now updated.

If you need to update other handhelds, directly repeat step 4.

To update a collar, follow the instructions starting over from step 3.

CAUTION: to update your collars they must be turned off.