

NOP23-EN-01

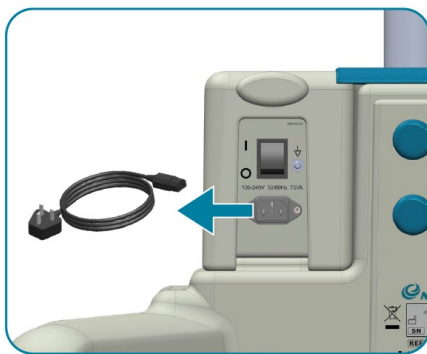
Neurosign V4 Display Control Unit Customer Software Update Instructions

ITEMS YOU WILL NEED:

- Phillips Screwdriver
- SD Card Reader or a Laptop/PC with a build in SD Card Reader
- Windows Laptop or PC
- Standard USB Memory Stick

STEP 1: Switch off the Neurosign V4 nerve monitor from mains electric

1. Ensure that the nerve monitor is turned off, by switching the rocker switch on the base of the V4 to the off 'O' position.
2. Remove the AC mains power lead from the power input socket.

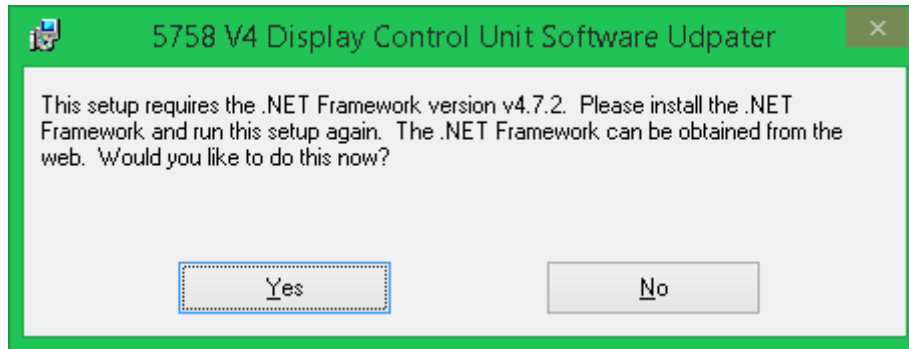


STEP 2: Installation of 5758 V4 Display Control Unit Software Update Application

3. Download the 5758 V4 Display Control Unit Software Update.msi installer on to your PC / Laptop from the email it was sent to you in.
4. Run the 5758 V4 Display Control Unit Software Update.msi installer on your PC / Laptop by double clicking on the following icon:



- Install dot net framework 4.7.2 if requested.



- Click next to use the default selection for all options.
- Close the installer once complete.

STEP 3: Remove Access Panel from Rear of V4 User Interface



5. Using a Phillips screwdriver, remove the retaining screw from the rear panel of the touch screen DCU.
6. Remove the rear panel by sliding downwards, please take precautions for ESD discharge whilst the panel is removed.

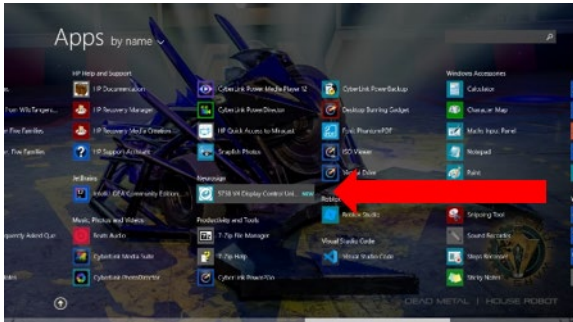
STEP 4: Remove SD Card from Rear of V4 User Interface



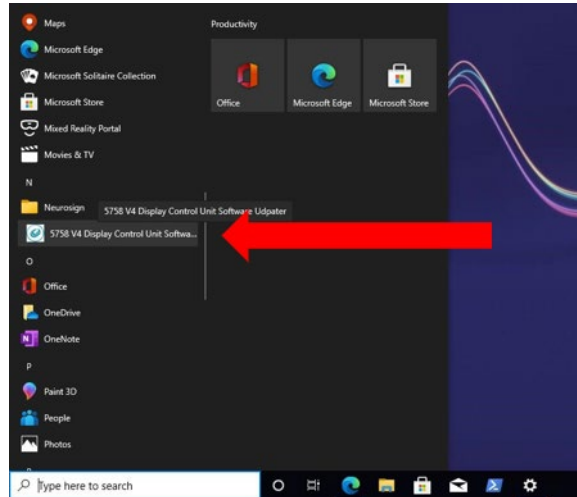
- Remove the SD Card from the upper left-hand side of the access panel by gently pushing the SD card in to release the SD card from its housing.

STEP 5: Run the Neurosign 5758 V4 DCU Software Update application

Windows 8.1 Example

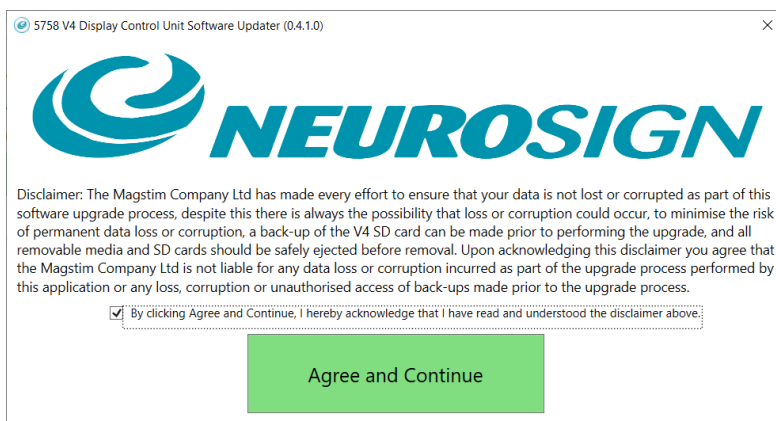


Windows 10 Example



- On the PC / Laptop, navigate to the Start menu -> Neurosign folder and run the 5758 V4 Display Control Unit Software Update application.

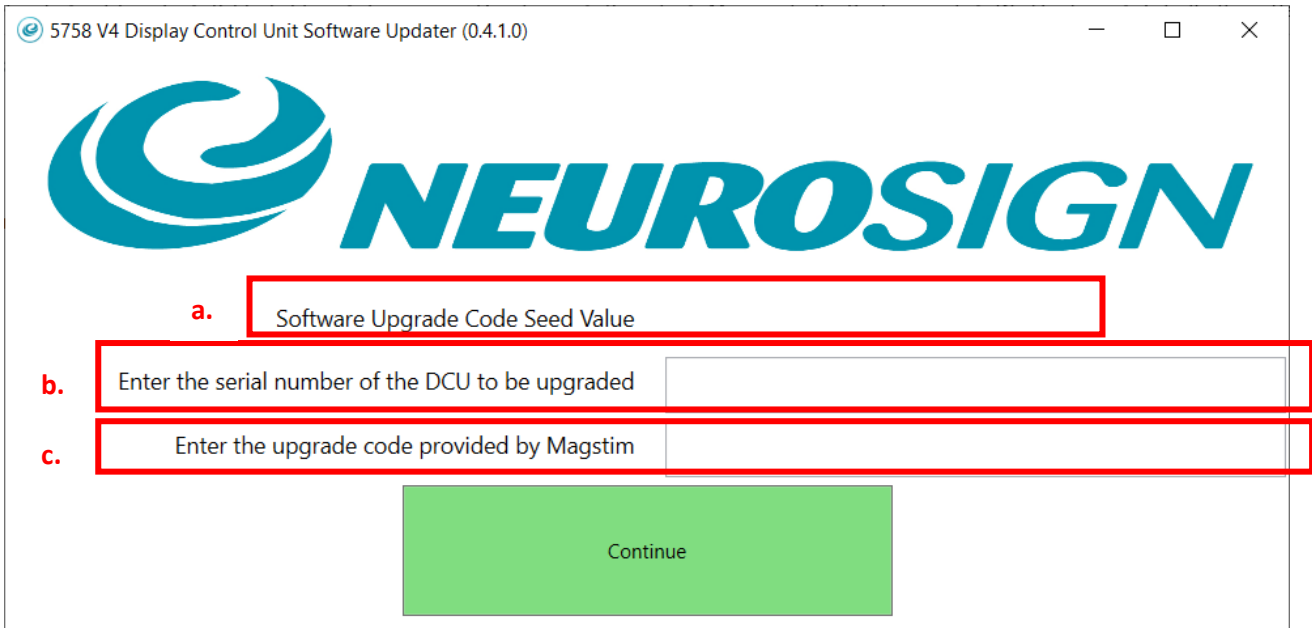
STEP 6: 5758 V4 DCU Software Update disclaimer acceptance



- Read the disclaimer.
- Check the checkbox.
- Click Agree and Continue.

STEP 7: Enter the upgrade code

12. To request a software upgrade code, please contact Magstim Service department via telephone (+44(0)1994 240798) with the following information:
- The Software Upgrade Code Seed Value as shown on the *5758 V4 Display Control Unit Software Update* application.
 - The Serial Number of the Display Control Unit to be upgraded. Please see image in bullet point 13 on where you can locate the Serial Number of the Display Control Unit.



5758 V4 Display Control Unit Software Updater (0.4.1.0)

NEUROSIGN

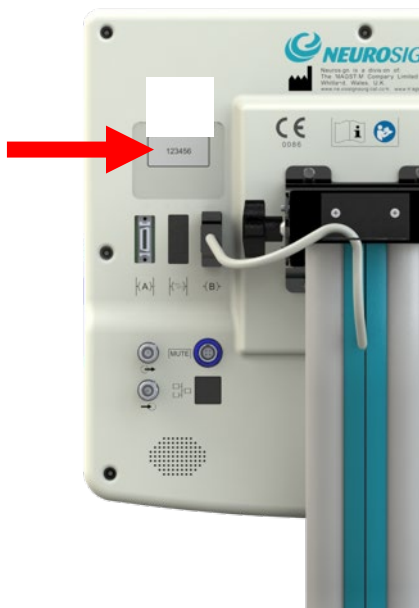
a. Software Upgrade Code Seed Value

b. Enter the serial number of the DCU to be upgraded

c. Enter the upgrade code provided by Magstim

Continue

13. Enter the Serial number of the DCU to be upgraded into the update application. Please see image below and where you can locate the DCU serial number.



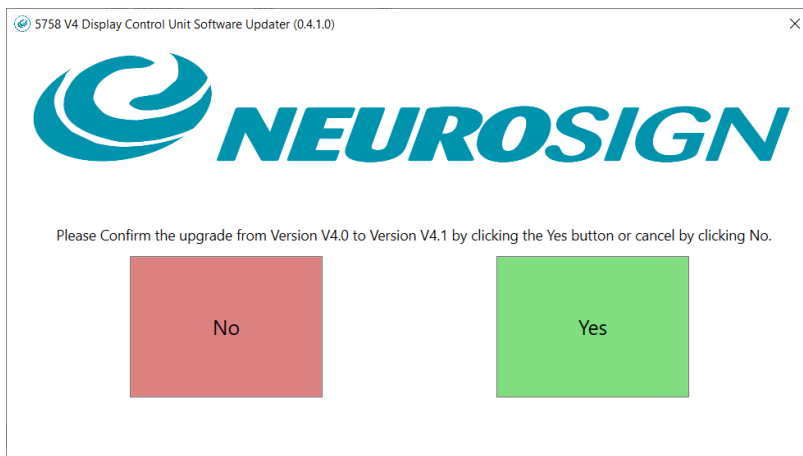
14. Enter the upgrade code provided by Magstim into the update application and press continue. See image in bullet point 12, box 'C'.

STEP 8: Insert SD Card into PC / Laptop



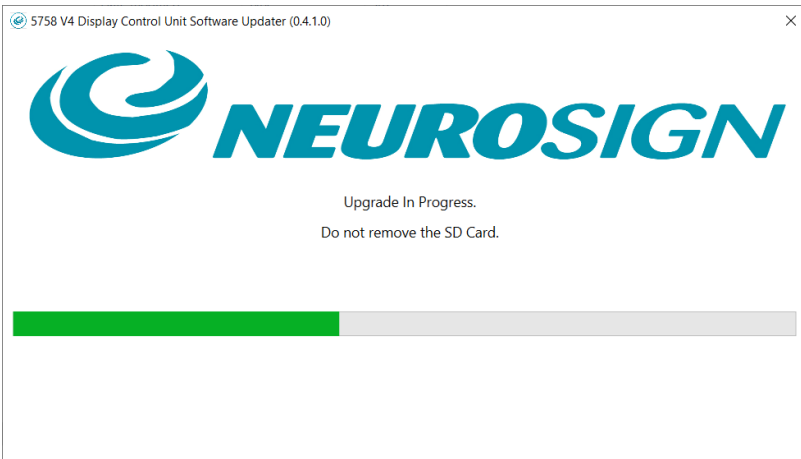
15. When prompted by the 5758 V4 Display Control Unit Software Update application, please insert the SD card which was ejected from the Neurosign V4 DCU into the PC / Laptop (Card reader may be required if your PC / Laptop does not have an SD Card reader. Magstim does not supply SD Card readers).

STEP 9: Update V4 Software on SD Card

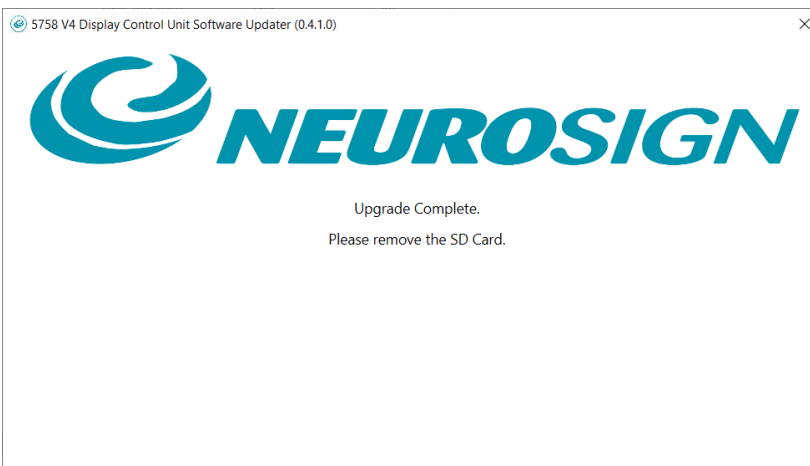


16. Once the SD Card has been processed, click YES to update the software to V4.1.

17. Wait for the update to complete. **DO NOT** eject the SD card until the software upgrade is complete as this may affect the upgrade process.



STEP 10: Remove SD Card from PC / Laptop



18. Once the update has been completed, eject the SD Card from the PC / Laptop and remove the SD Card from the PC/ Laptop.



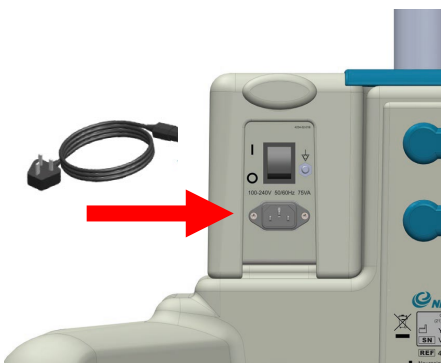
STEP 11: Insert SD Card into Rear of V4 User Interface



19. Insert the SD Card back into the rear of the V4 User Interface by gently pushing the SD Card into its housing, you will hear a click once it is inserted. If the SD Card is not inserted fully into the housing, the software will not load.
20. Secure the Access Panel back in position, re-insert the retaining screw and tighten using a Philips screwdriver.



STEP 12: Switch the Neurosign V4 Monitor On



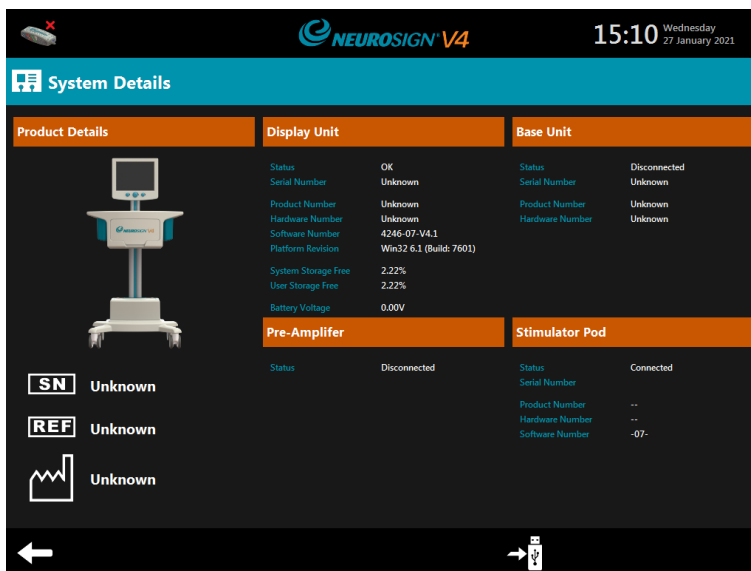
21. Connect the AC mains power lead to the power input socket of the base of the V4.

www.neurosign.com / info@neurosign.com / (+44) 01994 240798 / Service Tel: (+44) 01994 242900

NOP23-EN-01 Neurosign V4 Display Control Unit Customer Software Update Instructions

22. Switch the nerve monitor On by switching the rocker switch on the base of the V4 to the off 'I' position.
23. Wait for the Neurosign system to start and load the 'Home Screen'

STEP 13: Confirm Software Update



24. Navigate to the Home -> Settings -> System Details screen on the V4 System and confirm the Display Unit Software Number has been updated to 4246-07-V4.1, please also ensure that there are no alarm banners presented on the DCU.

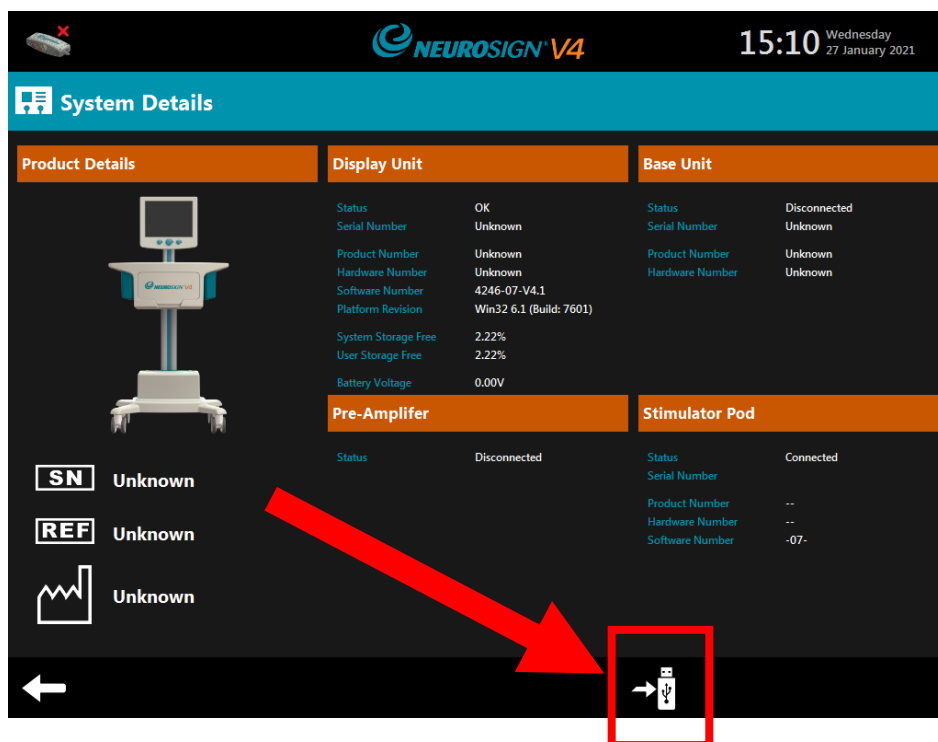
STEP 14: Send Confirmation of Update to Magstim Service Department

25. Insert a USB memory stick into the USB socket of the DCU housing (Magstim does not supply USB memory sticks)

External USB



26. Navigate to the Home -> Settings -> System Details screen on the V4 System and export the System Details to USB by clicking the USB icon.



27. An export pop up screen will appear. A pop-up box will appear on the DCU to confirm that the export is complete. Please remove the USB memory stick from the USB housing.

28. Please email service@magstim.com the exported PDF System Details on the USB memory stick and confirm that the software upgrade is now complete.

29. The software update process is now complete.

If you have difficulty updating the software please contact service@magstim.com and one of the Service support team will help assist you.

www.neurosign.com / info@neurosign.com / (+44) 01994 240798 / Service Tel: (+44) 01994 242900

NOP23-EN-01 Neurosign V4 Display Control Unit Customer Software Update Instructions

