

Step-by-Step Guide to Update FlexNX/LT Software

BEFORE YOU BEGIN

Before installing version 3.051, confirm that your FlexNX/LT cart and **all** NX25 and/or NX15 antennas are running version **2.264 or later**. If an earlier version is currently installed, do not attempt this update — all systems must first be updated to **2.264**.

Please contact softwaretechsupport@geophysical.com with any questions.

IMPORTANT – NEW INSTALLATION METHOD

Version 3.051 uses a different installation method than previous releases. The update is applied in **three separate install stages** and will take noticeably longer to complete than earlier updates. This is expected — the new method makes the update process more robust and reliable moving forward.

Please be patient and do not power down or interrupt the system at any point until all three stages have finished and the cart has returned to the dashboard.

SOFTWARE UPDATE INSTRUCTIONS

1. Download the latest software .ZIP package here:
<https://www.geophysical.com/support/flexnxsupport>
2. Copy the entire .ZIP package to an empty USB drive. **Do not extract the .ZIP package.** The USB drive must be formatted as FAT32. To check the format of the drive, right-click the drive in Windows and select **Properties**.
3. After copying the package to the USB drive, the root of the drive should contain only the single .ZIP file.
4. Safely remove the USB drive from the computer.
5. Boot the FlexNX/LT cart.
6. Initiate the update procedure. You can do this either by tapping the current software version on the dashboard, or by proceeding to the second page of the settings menu.
7. A screen showing a USB drive will appear. Insert the USB drive.
8. The install package will transfer to the cart. When the transfer is complete you will be prompted to **Confirm** before installation begins — select **Confirm** to proceed.
9. Installation will begin and will run through **three separate install stages**, with progress shown on the cart screen. This will take some time. **Be patient and do not power down the cart at any point during this process.**
10. After all three stages are complete, the FlexNX/LT cart will reboot and return to the dashboard.
11. Confirm the software version is reporting correctly on the dashboard.

FLEXLT USERS – SATELLITE ANTENNA UPDATES

Satellite antennas **cannot** be updated from a FlexLT in tether mode. If you are using a FlexLT, update your NX25 and/or NX15 antennas using the **NEXUS Elements Update Procedure** rather than the steps below.

12. If satellite antennas such as the NX25 or NX15 also need to be updated, **first manually power cycle the FlexNX.**
13. Update satellite antennas one at a time. With the cart powered on, boot a single satellite antenna. The antenna will connect to the cart and the cart will prompt you to update it. Follow the instructions on the cart. **Be patient and do not interrupt the satellite antenna while its LED is blinking magenta.**
14. After the update, the NX25/NX15 will default to Elements (“Standalone”) mode, indicated by a slow blinking yellow LED. To use the palm antenna with the Flex cart again, you will need to NFC pair the units. When the NFC tag is read, the palm antenna will blink rose while it changes state, then blink green and turn solid green once connected to the cart.

If you have any questions or run into any issues with this update, please contact
softwaretechsupport@geophysical.com